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United States
Department of
Agriculture

Forest
Service

North Central
Forest Experiment
Station

General Technical
Report **NC-168**

Forest Statistics of the United States, 1992 METRIC UNITS

W. Brad Smith, Joanne L. Faulkner, and Douglas S. Powell

Acknowledgments

The development of this report has been a team effort, involving the work and contributions of many people. Foremost among these were the efforts of the late John Tansey in collecting, compiling, and reviewing the Timber Products Output removals data are greatly appreciated.

The help of the staffs of the Forest Inventory and Analysis Research Work Units at the Forest Service Experiment Stations and the Timber Management staffs in the Regional Offices of the Forest Service who compiled the basic resource data for entry into the 1992 RPA National Timber Database is also greatly appreciated. The following people made significant contributions and were responsible for coordination and submission of resource data: Gary Carroll, Jim Dick, Dave Ellen, John Eschle, Tom Farrenkopf, Tom Frieswyk, James O. Howard, Cecil Hutchins, Pat D. Jackson, John Kelly, William McLain, Pat Miles, Larry Royer, Ted Setzer, Ray Sheffield, William B. Smith, Carolyn Steppleton, Bill van Hees, John Vissage, Eric Wharton, William Wilson, Ann Withers, and Sharon Woudenberg.

The following peoples' efforts in the review of the resource data are also appreciated: Doug Austin, Al Burkhardt, Bob Cottingham, Dave Darr, Randy Gay, Dan Greene, Mel Mehl, and Karl Stoneking.

The work of several Southern Forest Experiment Station Forest Inventory and Analysis work unit employees was also significant in the development of the 1992 RPA National Timber Database: Brian Johnston, George Keith, Carol Moss, Dawn Reynolds, and Art Walmsley.

For the RPA forest type groups map, David L. Evans and Kenneth C. Winterberger made significant contributions to project design and satellite data processing. Ronald W. Carraway was responsible for the map's cartographic design and GIS support. J. David Born assisted with field verification of the western part of the map. Keith B. Lannom helped with accuracy analysis. Many people in the Forest Service assisted with reference data, provided technical comments or critical reviews: Noel D. Cost, Rachel Riemann Hershey, Daniel D. Oswald, Charles L. Bolsinger, Thomas O. Farrenkopf, Neil McKay, Karen L. Waddell (who also assisted in development of the 1992 RPA National database), V.J. LaBau, Patrick D. Miles, Elizabeth Collins, Neal P. Kingsley, Sherel Goodrich, Ronald Cannarella, Christine C. Fayad, David Crockett, and Raymond L. Czaplewski.

North Central Forest Experiment Station
Forest Service—U.S. Department of Agriculture
1992 Folwell Avenue
St. Paul, Minnesota 55108
Manuscript approved for publication April 5, 1994
1994

USDA Forest Service
General Technical Report NC-168

March 1994

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METRIC UNITS

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Forest Statistics of the United States, 1992
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HIGHLIGHTS

Information compiled for the 1992 Resources Planning Act (RPA) Assessment Update shows that the U.S. forest generally have continued to improve in condition and quality since before the 1960's. The area of forest cover has increased since 1987; and the quantity and quality of the forest resource also continued to improve.

Forest Land Area

- Forest land area increased 0.1% between 1987 and 1992, reversing a slight downward dating from 1963.
- About 33% of the U.S. land area, or 298 million hectares, is forest land. This amounts to about two-thirds of the area that was forested in the year 1600 (421 million hectares). Some 123 million hectares of forest land have been converted to other uses since 1600, chiefly to agricultural uses.
- More than three-quarters of the conversion of forests to other uses occurred in the 19th century. By 1920, clearing forests for agriculture had largely halted.
- Some 34% of all forest land is federally owned. This proportion of federal to other forest land has remained relatively stable for at least the past 40 years.
- About 19 million hectares of forest land (6% of all U.S. forest land) is reserved from commercial timber harvest, in wilderness, parks and other classifications.

Timberland Area

- About 198 million hectares of forest land (66% of all forest land) is classed as timberland— forest land capable of producing more than 1.4 cubic meters per hectare per year and not withdrawn from timber production; 70% of this is in the East.
- Since 1952, the area of timberland has decreased by 4%, or about 8 million hectares. This decline has been the result primarily of withdrawals of public timberland as wilderness or other land uses that do not permit timber harvest. These are not physical losses of forest, but are reclassifications of forest land. Such forests continue to provide benefits other than timber harvest.

Timber Inventories

- Growing stock volume on U.S. timberland increased by 2.6% between 1987 and 1992. Since 1952, net volume per hectare has increased by 33%. In the North, average volume per hectare rose 95% between 1952 and 1992, 104% in the South, and 27% in the Rocky Mountain region. In the Pacific Coast region, however, average volume per hectare dropped by 4% between 1952 and 1992.
- Some 57% of the volume of growing stock is softwoods, with the remaining 43% hardwoods. However, 90% of the hardwood timber is in the eastern United States. About 66% of the softwood timber is in the western United States, and 23% is in the South.
- Because hardwood growth greatly exceeds harvest, the quantity and quality of the hardwood resource continues to improve.
- The net growing stock volume of U.S. hardwoods increased by 7% between 1987 and 1992, and by 82% between 1952 and 1992.
- The volume of hardwood growing stock in diameter classes greater than 48 centimeters has doubled since 1952, from 0.7 billion cubic meters to 1.5 billion in 1992.
- The net volume of U.S. softwood growing stock increased by 4% between 1952 and 1992, but decreased by 0.7% between 1987 and 1992.

- For the first time since 1952, softwood and hardwood inventories declined on forest industry lands in the South.

- For the South as a whole, the volume of standing softwood inventory declined 2.5% between 1987 and 1992—the first such decline since at least 1952.

Timber Mortality

- Timber mortality increased substantially between 1986 and 1991, in all regions, on all ownerships, and for both hardwoods and softwoods. Nationally, the volume of mortality was up 24% from 1986 to 1991, from 125 million cubic meters to 155 million cubic meters—0.7% of the growing stock inventory.

- Annual mortality averaged 119 million cubic meters between 1962 and 1986. Softwood mortality was up 18% between 1986 and 1991 and hardwood mortality was up 34%.

- Timber mortality in the South increased 32% between 1986 and 1991—37% for hardwoods and 27% for softwoods.

Timber Growth and Harvest on Timberland

- In the 1920's, timber growth nationally was about half the rate of harvest. By the 1940's, improving forest growth rates and modestly declining harvest rates resulted in timber growth and harvest coming into approximate balance. By 1952, timber growth nationally exceeded harvest by 17%. Since the 1950's, timber growth has consistently exceeded harvest.

- Net timber growth exceeded harvest by 54% in 1976, 38% in 1986, and 33% in 1991. Net growth rates have not been increasing as rapidly as in the past, while harvest levels have continued to increase.

- In 1991, growth exceeded removals in all regions: in the North by 92%; in the South by 10%; in the Rocky Mountains by 163%, and in the Pacific Coast region by 14%. For the United States, hardwood growth exceeds removals by 80%, and for softwoods, by 9%.

- Total timber growth declined about 2% between 1986 and 1991—the first decline since 1952. All of the decline was attributable to softwoods: Net annual hardwood growth increased 0.9%.

- In the South, softwood removals exceeded growth by 14% in 1991. This is the first time since 1952 that softwood removals exceeded growth.

Trends in Timber Removals

- Timber harvest levels continue at their historically high levels. In 1991, growing stock removals were 462 million cubic meters, 2% greater than in 1986 and 21% higher than 1970. Average timber harvest levels have risen each decade since the 1950's.

- In 1991, about 67% of the volume of timber removals was softwoods and 33% was hardwoods, a proportion of softwood to hardwood removals that has remained approximately the same since 1952.

- The South accounted for 55% of growing stock removals in 1991, up from 45% in 1970.

- The predominant use of wood continues to be for lumber and plywood. Sawlogs accounted for 41% of wood volume harvested in 1991, veneer logs–8%, and pulpwood–28%. The remaining 23% was used for fuelwood and other products.

- The use of wood for fuel continues at the increased levels experienced after the energy crisis of the early 1970's. In 1991, fuelwood comprised 90 million cubic meters, or 18% of the volume of wood harvested. This compares with fuelwood production of 15 million cubic meters in 1970 or 4% of the volume of wood harvested in that year. Since 1980, the volume of fuelwood harvested has remained relatively stable, averaging about 88 million cubic meters.

Ownership of Timberland and Harvest

- Seventy-three percent of timberland is privately owned; these lands account for 82% of growing stock removals in 1991.

- Non-industrial private ownerships comprise 59% (116 million hectares) of U.S. timberland and accounted for 49% of the volume of growing stock removals in 1991. About 72% of the hardwood resource is on non-industrial private ownerships, which account for 67% of the volume of hardwood harvest. Timber harvest on non-industrial private forest lands declined by about 2% between 1986 and 1991, but has increased by 17% since 1952.

- Industrial forests accounted for 14% of U.S. timberland (29 million hectares) and 33% of the volume harvested in 1991. While forest industry ownerships contain only 16% of the volume of softwood timber, in 1991 they accounted for 38% of the volume of softwood harvest. Timber harvest on industrial forests increased by 6% between 1986 and 1991, and by 62% since 1952.

- Public forests comprise 27% of the U.S. timberland base and accounted for 18% of 1991 U.S. harvest volume. Three-quarters of all public forests are owned by the Federal Government.

- Federal forests comprise 20% (39 million hectares) of U.S. timberland. National Forests are the largest federal ownership, comprising 17% of U.S. timberland and accounting for 12% of timber harvest in 1991. National Forest timber harvest levels declined by 10% between 1986 and 1991, after rising by 94% between 1952 and 1986.

- Other public forests comprised 10% of U.S. timberland and accounted for 6% of growing stock removals in 1991.

INTRODUCTION

Forest resource growth, harvests, and land use conversion can change inventories within states, among regions, and even among countries, and can significantly influence the future performance of resources. This could affect the state, regional, and national economies that depend on the affected resources, as well as the resource environments. Periodic surveys provide information needed to assess the current status and performance of resources, and to estimate their future condition. As required by the Forest and Rangeland Renewable Resources Planning Act of 1974 (RPA), P.L. 93-378, 88 Stat. 4765, as amended, this report updates information on the Nation's forest resource, particularly the timber resource.[1]

This report updates resource statistics published by Waddell et al. (1989), and the analysis of the resource situation described in the 1989 RPA Assessment (Oswald 1990). Regions and subregions used to update forest statistics and analyze the resource situation are shown in figure 1.

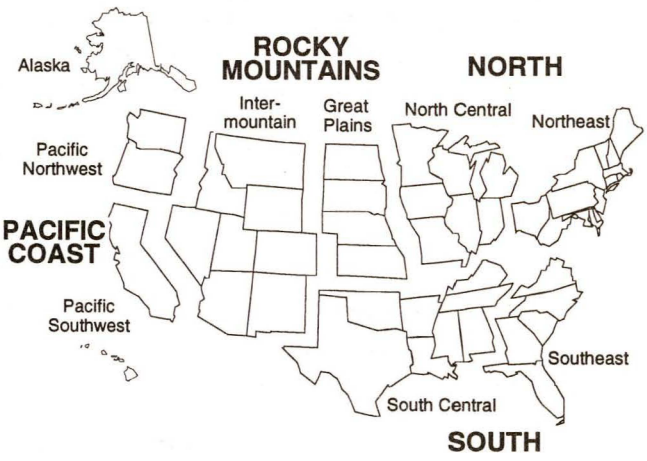

Figure 1.—Regions and subregions for RPA Assessment Update.

To provide a context to evaluate and interpret short-term changes in forest statistics, trends since 1952 are highlighted, and an historical perspective on the forest resource is presented. A forest type map produced from satellite imagery displaying the area and location of forest land in the United States is available by following the instructions in Appendix B.

[1] *For information on procedures used, see Appendix A.*

NOTE: *The data presented in this report have been derived through a "soft" conversion of the information presented in the English unit version of the RPA report (Powell et al., 1993). While this is not as accurate as converting the data prior to accumulating for tabular output, it provides the most consistent comparison between the English and metric reports. The reader is cautioned that although this method allows the value of a given table cell to round to zero, the actual value of that cell is still accounted for in the row and column totals. A general table of the factors used to convert the English data are presented in Appendix C.*

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Region, Subregion, and State	Total land area[a]	Land class: Forest land: Total forest land	Land class: Forest land: Timberland	Land class: Forest land: Productive reserved	Land class: Forest land: Other	Land class: Other land
			Thousand hectares			
North:						
Northeast:						
Connecticut	1,255	736	716	8	12	519
Delaware	506	157	152	1	4	349
Maine	7,994	7,096	6,875	113	108	898
Maryland[b]	2,548	1,093	981	62	50	1,455
Massachusetts	2,030	1,296	1,198	41	57	734
New Hampshire	2,323	2,016	1,926	30	59	307
New Jersey	1,922	812	754	41	17	1,110
New York	12,231	7,573	6,372	1,029	172	4,658
Pennsylvania	11,609	6,867	6,414	414	39	4,741
Rhode Island	271	162	150	3	9	108
Vermont	2,396	1,837	1,792	26	19	559
West Virginia	6,238	4,908	4,822	73	13	1,331
Total	51,322	34,553	32,153	1,841	559	16,770
North Central:						
Illinois	14,399	1,726	1,631	96	0	12,673
Indiana	9,291	1,796	1,739	58	0	7,494
Iowa	14,472	830	787	36	8	13,642
Michigan	14,714	7,387	7,059	253	75	7,327
Minnesota	20,621	6,766	5,979	440	348	13,856
Missouri	17,845	5,669	5,414	129	126	12,177
Ohio	10,607	3,182	3,062	97	23	7,425
Wisconsin	14,068	6,278	6,039	104	136	7,790
Total	116,017	33,634	31,708	1,211	715	82,383
North Total:	167,340	68,187	63,861	3,052	1,274	99,153
South:						
Southeast:						
Florida[c]	13,986	6,697	6,064	163	471	7,288
Georgia	15,001	9,768	9,563	197	7	5,233
North Carolina	12,619	7,802	7,572	212	17	4,817
South Carolina	7,799	4,960	4,929	32	0	2,839
Virginia	10,256	6,418	6,189	204	25	3,839
Total	59,660	35,645	34,316	809	520	24,016
South Central:						
Alabama	13,145	8,893	8,880	13	0	4,252
Arkansas	13,488	7,230	7,051	83	96	6,258
Kentucky	10,291	5,145	5,002	128	15	5,146
Louisiana	11,284	5,611	5,607	4	0	5,673
Mississippi	12,151	6,880	6,876	4	0	5,271
Oklahoma	17,788	3,051	2,478	9	564	14,737
Tennessee	10,676	5,509	5,372	136	0	5,168
Texas	67,838	7,767	5,078	49	2,641	60,070
Total	156,661	50,086	46,344	425	3,316	106,575
South Total:	216,321	85,731	80,660	1,234	3,836	130,591

(Continued)

Table 1-- (continued).

Region, Subregion, and State	Total land area[a]	Land class: Forest land: Total forest land	Forest land: Timberland	Forest land: Productive reserved	Forest land: Other	Other land
			Thousand hectares			
Rocky Mountains:						
Great Plains:						
Kansas	21,193	550	489	9	52	20,643
Nebraska	19,912	292	217	9	66	19,620
North Dakota	17,870	187	137	0	50	17,683
South Dakota [c]	19,658	684	586	9	89	18,974
Total	78,633	1,713	1,428	27	257	76,920
Intermountain:						
Arizona	29,434	7,930	1,606	380	5,944	21,504
Colorado [c]	26,867	8,635	4,751	693	3,191	18,231
Idaho	21,433	8,750	5,858	1,246	1,646	12,683
Montana	37,700	9,111	6,420	834	1,857	28,590
Nevada	28,441	3,617	91	1	3,526	24,823
New Mexico	31,434	6,190	2,193	458	3,539	25,244
Utah [c]	21,282	6,570	1,246	140	5,184	14,712
Wyoming [c]	25,151	4,033	1,753	1,191	1,089	21,118
Total	221,742	54,836	23,917	4,944	25,975	166,906
Rocky Mountains Total:	300,376	56,549	25,346	4,971	26,233	243,826
Pacific Coast:						
Alaska:						
Alaska	147,731	52,259	6,098	2,439	43,723	95,472
Total	147,731	52,259	6,098	2,439	43,723	95,472
Pacific Northwest:						
Oregon	24,866	11,330	8,747	763	1,820	13,535
Washington	17,245	8,289	6,572	840	878	8,956
Total	42,111	19,620	15,318	1,603	2,698	22,491
Pacific Southwest:						
California	40,398	15,080	6,556	1,046	7,478	25,318
Hawaii [c]	1,664	707	283	46	378	956
Total	42,062	15,788	6,839	1,092	7,857	26,274
Pacific Coast Total:	231,904	87,667	28,256	5,134	54,278	144,237
United States:	915,941	298,135	198,123	14,391	85,620	617,807

[a] *Source: U.S. Department of Commerce. 1990 Decennial Census.*

[b] *Includes 16,000 hectares of Other Land in Washington DC.*

[c] *1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Note: Data may not add to totals because of rounding.

Table 2--Forest land area in the United States by ownership, region, and subregion, 1992

Region and Subregion	Total	Federal lands administered by: Forest Service	Federal lands administered by: Bureau of Land Mgt.	Federal lands administered by: Other Federal	Non-Federal
			Thousand hectares		
North:					
Northeast	34,553	1,042	0	220	33,291
North Central	33,634	3,453	12	562	29,607
North Total:	68,187	4,495	12	782	62,898
South:					
Southeast	35,645	2,151	0	1,565	31,930
South Central	50,086	2,848	0	1,145	46,092
South Total:	85,731	4,998	0	2,710	78,022
Rocky Mountains					
Great Plains	1,713	409	0	37	1,266
Intermountain	54,836	27,678	7,659	3,127	16,373
Rocky Mountains Total:	56,549	28,087	7,659	3,164	17,640
Pacific Coast					
Alaska	52,259	4,553	4,968	21,804	20,935
Pacific Northwest	19,620	8,194	1,299	296	9,831
Pacific Southwest	15,788	6,308	879	616	7,984
Pacific Coast Total:	87,667	19,055	7,146	22,716	38,750
United States:	298,135	56,636	14,816	29,372	197,310

Note: Data may not add to totals because of rounding.

Table 3--Forest land area in the United States by productivity class, region, and subregion, 1992

Region and Subregion	Total	Productivity class[a] 8.4+ m^3	5.9 - 8.4 m^3	3.5 - 5.9 m^3	1.4 - 3.5 m^3	0 - 1.4 m^3	Reserved forest land
				Thousand hectares			
North:							
Northeast	34,553	1,436	4,653	12,358	13,705	444	1,957
North Central	33,634	1,121	5,576	11,058	13,953	700	1,225
North Total:	68,187	2,558	10,229	23,416	27,658	1,144	3,182
South:							
Southeast	35,645	1,265	8,253	20,050	4,748	520	809
South Central	50,086	12,739	14,162	13,325	6,119	3,316	425
South Total:	85,731	14,004	22,414	33,375	10,867	3,836	1,234
Rocky Mountains							
Great Plains	1,713	6	100	386	936	257	28
Intermountain	54,836	1,187	3,220	7,729	11,781	24,249	6,670
Rocky Mountains Total:	56,549	1,193	3,321	8,115	12,717	24,506	6,698
Pacific Coast							
Alaska	52,259	854	486	303	4,455	41,884	4,277
Pacific Northwest	19,620	5,481	2,824	3,998	3,015	2,476	1,826
Pacific Southwest	15,788	2,435	1,673	1,766	843	7,078	1,993
Pacific Coast Total:	87,667	8,769	4,983	6,068	8,313	51,438	8,096
United States:	298,135	26,524	40,947	70,974	59,555	80,924	19,210

[a] *Productivity classes are displayed as cubic meters per hectare per year.*

Note: Data may not add to totals because of rounding.

Table 4--Forest land area in the United States by productivity class and forest type group, 1992

Forest type group	Total	Productivity class[a]					Reserved forest land
		8.4+ m^3	5.9 - 8.4 m^3	3.5 - 5.9 m^3	1.4 - 3.5 m^3	0 - 1.4 m^3	
		Thousand hectares					
Eastern:							
White-red-jack pine	5,874	598	993	2,004	1,875	71	332
Spruce-fir	7,967	87	569	2,240	4,293	505	273
Longleaf-slash pine	5,780	434	1,478	3,071	735	0	62
Loblolly-shortleaf pine	20,099	4,350	6,374	7,497	1,741	36	101
Oak-pine	13,036	2,660	3,644	4,805	1,823	69	35
Oak-hickory	52,477	4,498	10,239	21,616	13,813	1,391	920
Oak-gum-cypress	11,823	2,407	3,147	4,605	1,248	215	201
Elm-ash-cottonwood	5,920	480	1,121	1,859	2,073	214	174
Maple-beech-birch	20,551	896	3,162	6,154	8,866	56	1,418
Aspen-birch	6,993	123	1,835	2,596	2,077	48	314
Other forest types	2,154	0	0	0	4	2,143	7
Nonstocked	2,454	36	184	728	913	490	103
Unknown[b]	504	0	0	0	0	0	504
Eastern Total:	155,631	16,568	32,743	57,178	39,461	5,238	4,444
Western:							
Douglas-fir	17,541	4,475	2,797	3,642	3,061	1,120	2,445
Ponderosa pine	12,738	506	848	2,707	6,109	1,134	1,435
Western white pine	85	19	57	3	2	1	2
Fir-spruce	24,150	1,256	1,746	3,968	3,889	10,638	2,653
Hemlock-Sitka spruce	6,555	1,232	1,053	494	576	1,584	1,616
Larch	873	144	425	244	34	13	15
Lodgepole pine	7,191	79	451	1,384	2,578	984	1,715
Redwood	534	420	30	15	0	5	64
Other softwoods	28,148	54	40	95	261	26,024	1,673
Western hardwoods	19,964	1,476	647	1,066	3,001	12,355	1,418
Pinyon-juniper	19,464	0	0	0	3	18,710	751
Chaparral	2,648	0	0	0	0	2,461	186
Nonstocked	2,356	295	110	179	579	658	535
Unknown[b]	259	0	0	0	0	0	259
Western Total:	142,504	9,956	8,204	13,797	20,093	75,686	14,766
United States :	298,135	26,524	40,947	70,974	59,555	80,924	19,210

[a] *Productivity classes are displayed as cubic meters per hectare per year.*

[b] *Some low productivity and reserved forest land has not been inventoried and its forest type group remains unclassified.*

Note: Data may not add to totals because of rounding.

Table 5--Unreserved forest land area in the Eastern United States by forest type group, subregion, productivity class, and ownership group, 1992

Subregion and productivity class[a]	All forest types	Forest type group											
		White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
						Thousand acres							
						All ownership groups							
Northeast:													
8.4+	1,436	238	87	0	36	55	468	5	91	439	18	0	0
5.9 - 8.4	4,653	509	569	0	75	142	1,611	19	108	1,420	189	0	11
3.5 - 5.9	12,358	1,361	2,233	0	167	324	2,976	42	381	4,249	537	0	88
1.4 - 3.5	13,705	895	1,159	0	339	369	4,618	65	412	5,257	536	0	55
0 - 1.4	444	7	82	0	6	8	103	1	47	50	13	2	124
Total	32,596	3,010	4,129	0	622	898	9,776	133	1,039	11,415	1,293	2	278
North Central:													
8.4+	1,121	214	0	0	21	6	169	19	158	418	105	0	11
5.9 - 8.4	5,576	426	0	0	36	21	1,111	22	635	1,648	1,643	0	34
3.5 - 5.9	11,058	494	0	0	53	193	5,454	32	968	1,741	2,025	0	98
1.4 - 3.5	13,953	514	3,130	0	207	225	3,393	82	1,275	3,409	1,510	0	207
0 - 1.4	700	6	423	0	5	37	116	0	50	3	28	0	33
Total	32,408	1,654	3,554	0	323	482	10,244	155	3,085	7,219	5,311	0	382
Southeast:													
8.4+	1,265	128	0	80	463	208	287	70	16	2	0	0	12
5.9 - 8.4	8,253	26	0	951	2,498	902	2,554	975	200	35	0	0	111
3.5 - 5.9	20,050	41	2	2,725	4,945	2,309	6,266	2,987	208	66	0	0	503
1.4 - 3.5	4,748	7	4	682	728	600	1,287	797	23	9	0	0	612
0 - 1.4	520	0	0	0	13	0	42	214	15	0	0	237	0
Total	34,837	203	5	4,438	8,647	4,018	10,435	5,043	461	113	0	237	1,238

(Continued)

Table 5-- (continued).

Subregion and productivity class[a]	All forest types	Forest type group: White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Nonstocked
						Thousand hectares							
						All ownership groups							
South Central:													
8.4+	12,739	13	0	355	3,830	2,392	3,574	2,313	213	36	0	0	13
5.9 - 8.4	14,162	8	0	527	3,765	2,579	4,942	2,130	127	58	0	0	26
3.5 - 5.9	13,325	13	0	346	2,331	1,976	6,838	1,544	155	89	0	0	32
1.4 - 3.5	6,119	9	0	54	466	604	4,414	304	118	144	0	0	7
0 - 1.4	3,317	26	0	0	12	4	1,047	0	7	0	0	1,894	326
Total	49,661	70	0	1,281	10,403	7,555	20,814	6,291	620	327	0	1,894	404
Great Plains[b]:													
8.4+	6	5	0	0	0	0	0	0	1	0	0	0	0
5.9 - 8.4	100	23	1	0	0	0	21	0	50	1	2	0	1
3.5 - 5.9	386	95	6	0	0	3	83	0	148	9	34	0	8
1.4 - 3.5	936	450	1	0	0	25	100	0	246	47	31	4	33
0 - 1.4	257	33	0	0	1	19	83	0	96	2	7	10	7
Total	1,685	606	7	0	1	47	287	0	540	60	74	13	50
Eastern Total:													
8.4+	16,568	598	87	434	4,350	2,660	4,498	2,407	480	896	123	0	36
5.9 - 8.4	32,743	993	569	1,478	6,374	3,644	10,239	3,147	1,121	3,162	1,835	0	184
3.5 - 5.9	57,178	2,004	2,240	3,071	7,497	4,805	21,616	4,605	1,859	6,154	2,596	0	728
1.4 - 3.5	39,461	1,875	4,293	735	1,741	1,823	13,813	1,248	2,073	8,866	2,077	4	913
0 - 1.4	5,237	71	505	0	36	69	1,391	215	214	56	48	2,143	490
Total	151,187	5,541	7,695	5,719	19,998	13,001	51,557	11,622	5,746	19,133	6,679	2,147	2,351

(Continued)

Table 5-- (continued).

Subregion and productivity class[a]	All forest types	Forest type group											
		White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
		Thousand hectares											
		National forest											
Northeast:													
8.4+	16	2	0	0	0	0	4	0	0	10	0	0	0
5.9 - 8.4	50	2	8	0	2	0	23	0	0	15	0	0	0
3.5 - 5.9	248	5	34	0	3	14	60	0	4	126	2	0	0
1.4 - 3.5	568	6	42	0	8	3	136	0	0	355	17	0	0
0 - 1.4	45	1	9	0	0	0	1	0	0	30	3	0	0
Total	926	15	93	0	14	17	225	0	4	536	22	0	0
North Central:													
8.4+	42	33	0	0	0	0	2	1	0	4	2	0	0
5.9 - 8.4	433	111	0	0	7	1	35	0	9	94	173	0	2
3.5 - 5.9	1,000	112	0	0	9	44	430	2	14	132	252	0	5
1.4 - 3.5	1,505	114	483	0	63	29	225	0	55	332	191	0	13
0 - 1.4	64	0	48	0	0	6	7	0	0	0	0	0	1
Total	3,045	369	531	0	80	81	700	3	79	562	619	0	21
Southeast:													
8.4+	125	27	0	3	28	24	37	2	2	2	0	0	1
5.9 - 8.4	351	2	0	32	101	32	154	14	4	11	0	0	2
3.5 - 5.9	975	12	2	106	166	112	497	40	2	16	0	0	22
1.4 - 3.5	510	1	2	62	72	59	263	34	0	0	0	0	17
0 - 1.4	23	0	0	0	2	0	20	0	0	0	0	0	0
Total	1,984	41	3	203	369	228	970	89	8	30	0	0	42

(Continued)

Table 5– (continued).

Subregion and productivity class[a]	All forest types	Forest type group: White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Nonstocked
					Thousand hectares								
					National forest								
South Central:													
8.4+	653	6	0	41	280	149	124	48	0	5	0	0	0
5.9 - 8.4	647	4	0	57	229	144	171	35	0	4	0	0	2
3.5 - 5.9	1,034	6	0	40	265	218	478	14	0	9	0	0	2
1.4 - 3.5	381	5	0	8	56	53	251	0	0	9	0	0	0
0 - 1.4	7	0	0	0	2	0	0	0	0	0	0	0	5
Total	2,722	22	0	147	832	563	1,023	97	0	28	0	0	10
Great Plains[b]:													
8.4+	1	1	0	0	0	0	0	0	0	0	0	0	0
5.9 - 8.4	1	0	1	0	0	0	0	0	0	0	0	0	0
3.5 - 5.9	33	25	6	0	0	0	0	0	0	0	2	0	0
1.4 - 3.5	347	340	1	0	0	0	0	0	0	0	6	0	0
0 - 1.4	21	11	0	0	1	0	0	0	0	0	6	3	0
Total	403	378	7	0	1	0	0	0	0	0	14	3	0
Eastern Total:													
8.4+	838	69	0	44	308	173	168	51	2	21	2	0	1
5.9 - 8.4	1,482	119	8	89	340	176	383	49	13	125	173	0	7
3.5 - 5.9	3,289	161	40	146	444	388	1,465	56	20	283	255	0	30
1.4 - 3.5	3,312	465	528	70	199	144	875	34	55	695	215	0	30
0 - 1.4	159	12	57	0	6	6	29	0	1	30	10	3	6
Total	9,080	826	635	349	1,296	888	2,919	189	91	1,154	656	3	74

(Continued)

Table 5-- (continued).

Subregion and productivity class[a]	All forest types	Forest type group											
		White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
						Thousand hectares							
						Other public							
Northeast:													
8.4+	88	27	16	0	0	2	12	0	4	24	2	0	0
5.9 - 8.4	227	44	32	0	5	8	55	0	7	61	15	0	0
3.5 - 5.9	773	91	73	0	17	21	261	8	19	243	33	0	6
1.4 - 3.5	1,542	77	30	0	90	35	728	9	51	468	51	0	2
0 - 1.4	31	2	4	0	2	0	11	0	4	4	2	2	0
Total	2,660	240	155	0	114	65	1,068	17	85	800	104	2	8
North Central:													
8.4+	147	51	0	0	2	0	9	0	28	30	22	0	4
5.9 - 8.4	886	116	0	0	0	1	39	2	76	149	496	0	7
3.5 - 5.9	1,580	161	0	0	2	8	402	2	123	167	688	0	25
1.4 - 3.5	3,160	195	1,236	0	11	6	308	9	297	551	488	0	59
0 - 1.4	346	2	282	0	0	0	16	0	17	0	12	0	16
Total	6,119	526	1,518	0	15	15	774	14	540	898	1,706	0	113
Southeast:													
8.4+	56	2	0	8	29	6	4	5	1	0	0	0	0
5.9 - 8.4	340	2	0	70	110	36	74	42	4	1	0	0	1
3.5 - 5.9	893	0	0	198	209	63	195	197	6	0	0	0	26
1.4 - 3.5	454	0	0	121	89	85	47	63	3	1	0	0	46
0 - 1.4	257	0	0	0	0	0	0	89	4	0	0	164	0
Total	2,001	4	0	397	437	190	321	395	18	2	0	164	73

(Continued)

Table 5-- (continued).

Subregion and productivity class[a]	All forest types	Forest type group: White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Nonstocked
						Thousand hectares							
						Other public							
South Central:													
8.4+	525	0	0	11	100	79	133	180	22	0	0	0	0
5.9 - 8.4	528	2	0	11	72	80	155	183	22	2	0	0	0
3.5 - 5.9	583	2	0	16	60	65	266	148	23	2	0	0	0
1.4 - 3.5	242	0	0	4	23	32	149	27	2	4	0	0	0
0 - 1.4	6	0	0	0	0	0	0	0	2	0	0	0	5
Total	1,884	4	0	43	255	256	703	538	71	8	0	0	5
Great Plains[b]:													
8.4+	0	0	0	0	0	0	0	0	0	0	0	0	0
5.9 - 8.4	6	3	0	0	0	0	1	0	2	0	0	0	0
3.5 - 5.9	23	7	0	0	0	0	2	0	4	0	9	0	0
1.4 - 3.5	51	27	0	0	0	2	3	0	11	3	3	0	1
0 - 1.4	15	0	0	0	0	0	2	0	12	0	1	0	1
Total	96	37	0	0	0	2	8	0	30	4	13	0	2
Eastern Total:													
8.4+	816	80	16	19	132	87	158	185	55	55	24	0	5
5.9 - 8.4	1,987	167	32	82	187	124	325	227	112	213	511	0	8
3.5 - 5.9	3,851	261	73	214	288	157	1,126	355	175	412	730	0	57
1.4 - 3.5	5,449	299	1,265	125	212	160	1,235	109	365	1,028	543	0	108
0 - 1.4	656	4	287	0	2	0	30	89	38	4	15	166	22
Total	12,759	811	1,674	440	821	529	2,874	965	745	1,711	1,823	166	201

(Continued)

Table 5-- (continued).

Subregion and productivity class[a]	All forest types	Forest type group: White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Nonstocked
					Thousand hectares								
					Forest industry								
Northeast:													
8.4+	102	13	17	0	7	2	29	0	6	23	4	0	0
5.9 - 8.4	501	8	190	0	4	9	79	1	6	193	11	0	0
3.5 - 5.9	2,326	104	1,181	0	15	15	130	3	23	753	102	0	0
1.4 - 3.5	1,871	88	581	0	12	13	117	1	17	932	106	0	3
0 - 1.4	53	0	28	0	0	0	2	0	0	0	0	0	23
Total	4,852	214	1,997	0	38	38	357	5	53	1,901	222	0	26
North Central:													
8.4+	17	6	0	0	0	0	0	0	0	4	7	0	0
5.9 - 8.4	231	28	0	0	0	0	24	0	3	65	110	0	1
3.5 - 5.9	412	45	0	0	3	6	111	0	26	102	117	0	3
1.4 - 3.5	1,096	30	328	0	4	5	49	0	81	498	92	0	9
0 - 1.4	20	0	15	0	0	0	0	0	4	0	0	0	1
Total	1,777	108	343	0	7	11	185	0	114	669	325	0	14
Southeast:													
8.4+	114	5	0	14	47	13	14	11	6	0	0	0	4
5.9 - 8.4	1,499	0	0	314	627	125	174	178	36	0	0	0	44
3.5 - 5.9	4,137	3	0	1,025	1,440	316	426	721	37	0	0	0	169
1.4 - 3.5	826	0	0	180	168	85	74	227	3	0	0	0	89
0 - 1.4	11	0	0	0	7	0	0	4	0	0	0	0	0
Total	6,588	8	0	1,534	2,288	539	689	1,141	83	1	0	0	306

(Continued)

Table 5-- (continued).

Subregion and productivity class[a]	All forest types	Forest type group: White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Nonstocked
					Thousand hectares								
					Forest industry								
South Central:													
8.4+	3,065	2	0	152	1,221	550	588	524	23	0	0	0	4
5.9 - 8.4	3,566	0	0	206	1,478	754	726	386	5	0	0	0	10
3.5 - 5.9	2,234	0	0	140	869	452	552	197	7	3	0	0	14
1.4 - 3.5	352	0	0	12	90	61	157	29	1	2	0	0	0
0 - 1.4	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9,217	2	0	510	3,658	1,817	2,024	1,137	36	5	0	0	28
Great Plains[b]:													
8.4+	0	0	0	0	0	0	0	0	0	0	0	0	0
5.9 - 8.4	0	0	0	0	0	0	0	0	0	0	0	0	0
3.5 - 5.9	9	8	0	0	0	0	0	0	0	0	0	0	0
1.4 - 3.5	1	0	0	0	0	0	0	0	1	0	0	0	0
0 - 1.4	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	10	8	0	0	0	0	0	0	1	0	0	0	0
Eastern Total:													
8.4+	3,299	25	17	166	1,276	565	632	536	35	28	11	0	8
5.9 - 8.4	5,797	36	190	521	2,108	887	1,004	566	50	259	120	0	55
3.5 - 5.9	9,118	161	1,181	1,166	2,327	789	1,219	921	93	858	218	0	185
1.4 - 3.5	4,145	118	909	192	274	163	398	257	103	1,432	198	0	102
0 - 1.4	84	0	43	0	7	0	2	4	4	0	1	0	24
Total	22,443	341	2,340	2,045	5,992	2,404	3,255	2,283	286	2,576	548	0	374

(Continued)

Table 5-- (continued).

Subregion and productivity class[a]	All forest types	Forest type group											
		White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
		Thousand hectares											
		Nonindustrial private											
Northeast:													
8.4+	1,230	195	55	0	28	51	423	5	80	381	11	0	0
5.9 - 8.4	3,876	455	338	0	63	125	1,454	18	96	1,151	163	0	11
3.5 - 5.9	9,012	1,161	945	0	132	275	2,524	32	335	3,127	401	0	81
1.4 - 3.5	9,725	723	505	0	229	319	3,636	55	343	3,503	362	0	50
0 - 1.4	315	5	41	0	4	8	89	1	43	17	7	0	101
Total	24,158	2,539	1,884	0	456	778	8,126	111	897	8,179	945	0	243
North Central:													
8.4+	915	125	0	0	18	6	158	18	131	379	74	0	6
5.9 - 8.4	4,025	171	0	0	29	19	1,013	20	546	1,339	865	0	24
3.5 - 5.9	8,066	177	0	0	38	135	4,511	28	805	1,340	968	0	65
1.4 - 3.5	8,192	175	1,083	0	130	186	2,811	72	842	2,028	739	0	125
0 - 1.4	270	3	77	0	5	31	93	0	29	3	14	0	15
Total	21,467	651	1,161	0	220	376	8,585	139	2,352	5,089	2,659	0	235
Southeast:													
8.4+	970	95	0	55	360	164	231	51	7	0	0	0	6
5.9 - 8.4	6,062	23	0	535	1,659	709	2,151	742	156	22	0	0	64
3.5 - 5.9	14,045	26	0	1,396	3,131	1,817	5,149	2,029	162	50	0	0	286
1.4 - 3.5	2,957	6	2	318	400	371	903	473	17	8	0	0	459
0 - 1.4	229	0	0	0	3	0	21	122	11	0	0	73	0
Total	24,263	150	2	2,303	5,554	3,061	8,455	3,417	352	81	0	73	816

(Continued)

Table 5-- (continued).

Subregion and productivity class[a]	All forest types	Forest type group: White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Nonstocked
					Thousand hectares								
					Nonindustrial private								
South Central:													
8.4+	8,495	5	0	151	2,228	1,614	2,728	1,561	168	32	0	0	9
5.9 - 8.4	9,421	1	0	252	1,987	1,601	3,890	1,525	100	52	0	0	13
3.5 - 5.9	9,475	4	0	150	1,137	1,241	5,543	1,184	125	75	0	0	16
1.4 - 3.5	5,144	4	0	29	297	458	3,858	248	114	129	0	0	7
0 - 1.4	3,303	26	0	0	9	4	1,047	0	6	0	0	1,894	316
Total	35,839	40	0	582	5,659	4,919	17,065	4,519	514	287	0	1,894	362
Great Plains[b]:													
8.4+	4	4	0	0	0	0	0	0	1	0	0	0	0
5.9 - 8.4	93	20	0	0	0	0	21	0	48	1	2	0	1
3.5 - 5.9	322	54	0	0	0	3	80	0	143	9	24	0	8
1.4 - 3.5	537	83	0	0	0	22	97	0	234	44	21	4	32
0 - 1.4	220	21	0	0	0	19	81	0	83	2	0	7	6
Total	1,176	182	0	0	0	45	278	0	510	56	48	11	48
Eastern Total:													
8.4+	11,614	424	55	205	2,635	1,835	3,540	1,635	387	792	85	0	21
5.9 - 8.4	23,477	671	338	787	3,739	2,455	8,528	2,305	946	2,565	1,030	0	113
3.5 - 5.9	40,920	1,422	945	1,546	4,438	3,471	17,806	3,273	1,571	4,601	1,393	0	456
1.4 - 3.5	26,555	992	1,590	348	1,055	1,355	11,306	849	1,550	5,712	1,121	4	673
0 - 1.4	4,338	55	118	0	21	63	1,330	123	171	23	22	1,974	439
Total	106,905	3,563	3,047	2,885	11,888	9,179	42,510	8,185	4,625	13,692	3,652	1,978	1,703

[a] *Productivity classes are displayed as cubic meters per hectare per year.*

[b] *1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Note: Data may not add to totals because of rounding.

Table 6–Unreserved forest land area in the Western United States by forest type group, subregion, productivity class, and ownership group, 1992

Subregion and productivity class[a]	Forest type group													
	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Chaparral	Non-stocked
	Thousand hectares													
	All ownership groups													
Inter-mountain:														
8.4+	1,187	348	73	19	316	241	93	61	0	1	25	0	0	8
5.9 - 8.4	3,220	835	178	53	911	276	372	395	0	23	119	0	0	58
3.5 - 5.9	7,729	2,215	1,094	3	1,999	113	223	1,165	0	56	727	0	0	134
1.4 - 3.5	11,781	2,193	4,416	1	1,306	6	17	2,064	0	191	1,136	0	0	449
0 - 1.4	24,249	784	422	0	720	6	13	764	0	993	3,045	16,863	83	558
Total	48,167	6,376	6,183	77	5,251	642	717	4,450	0	1,264	5,052	16,863	83	1,208
Alaska:														
8.4+	854	0	0	0	0	824	0	0	0	0	23	0	0	7
5.9 - 8.4	486	0	0	0	0	476	0	0	0	0	6	0	0	4
3.5 - 5.9	303	0	0	0	1	268	0	0	0	0	34	0	0	0
1.4 - 3.5	4,455	0	0	0	2,284	362	0	0	0	60	1,696	0	0	53
0 - 1.4	41,884	0	0	0	9,719	1,520	0	46	0	24,525	6,052	0	0	22
Total	47,982	0	0	0	12,004	3,450	0	46	0	24,586	7,811	0	0	86
Pacific Northwest:														
8.4+	5,481	3,832	28	0	168	161	51	11	2	25	1,074	0	0	129
5.9 - 8.4	2,824	1,769	161	4	202	298	53	44	0	0	248	0	0	45
3.5 - 5.9	3,998	1,323	992	0	1,215	113	21	204	0	2	98	0	0	29
1.4 - 3.5	3,015	841	1,241	0	125	208	17	469	0	3	47	3	0	61
0 - 1.4	2,476	300	604	0	27	55	0	163	0	169	214	905	3	35
Total	17,794	8,064	3,027	4	1,738	834	141	891	2	199	1,681	907	3	299

(Continued)

Table 6– (continued).

Subregion and productivity class[a]	All forest types	Forest type group: Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Chaparral	Non-stocked
						Thousand hectares								
						All ownership groups								
Pacific Southwest:														
8.4+	2,435	295	405	0	772	5	0	7	418	28	354	0	0	150
5.9 - 8.4	1,673	192	508	0	633	3	0	13	30	17	274	0	0	3
3.5 - 5.9	1,766	104	620	0	753	0	0	14	15	37	207	0	0	15
1.4 - 3.5	843	27	451	1	175	0	0	45	0	6	122	0	0	16
0 - 1.4	7,078	36	108	1	171	3	0	10	5	338	3,045	943	2,376	42
Total	13,795	655	2,093	2	2,503	12	0	89	467	426	4,002	943	2,376	227
Western total:														
8.4+	9,957	4,475	506	19	1,256	1,232	144	79	420	54	1,476	0	0	295
5.9 - 8.4	8,204	2,797	848	57	1,746	1,053	425	451	30	40	647	0	0	110
3.5 - 5.9	13,796	3,642	2,707	3	3,968	494	244	1,384	15	95	1,066	0	0	179
1.4 - 3.5	20,094	3,061	6,109	2	3,889	576	34	2,578	0	261	3,001	3	0	579
0 - 1.4	75,687	1,120	1,134	1	10,638	1,584	13	984	5	26,024	12,355	18,710	2,461	658
Total	127,737	15,095	11,304	83	21,497	4,939	859	5,476	470	26,475	18,546	18,713	2,461	1,821

(Continued)

Table 6-- (continued).

Subregion and productivity class[a]	All forest types	Forest type group: Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Chaparral	Non-stocked
						Thousand hectares								
						National Forest								
Inter-mountain:														
8.4+	624	140	21	9	155	174	84	34	0	1	5	0	0	1
5.9 - 8.4	2,051	469	85	51	560	153	334	340	0	23	28	0	0	10
3.5 - 5.9	4,822	1,338	570	3	1,432	51	152	922	0	30	306	0	0	17
1.4 - 3.5	6,853	1,187	2,142	1	1,038	6	5	1,688	0	69	657	0	0	59
0 - 1.4	8,795	762	324	0	705	6	13	754	0	939	1,692	3,252	83	265
Total	23,145	3,897	3,142	64	3,890	391	588	3,738	0	1,062	2,688	3,252	83	351
Alaska:														
8.4+	749	0	0	0	0	719	0	0	0	0	23	0	0	7
5.9 - 8.4	332	0	0	0	0	329	0	0	0	0	0	0	0	4
3.5 - 5.9	159	0	0	0	1	158	0	0	0	0	0	0	0	0
1.4 - 3.5	289	0	0	0	8	266	0	0	0	0	11	0	0	4
0 - 1.4	1,259	0	0	0	11	1,172	0	46	0	3	5	0	0	22
Total	2,789	0	0	0	19	2,644	0	46	0	3	39	0	0	38
Pacific Northwest:														
8.4+	389	314	0	0	75	0	0	0	0	0	0	0	0	0
5.9 - 8.4	1,425	1,005	45	2	106	267	0	0	0	0	0	0	0	0
3.5 - 5.9	2,665	668	721	0	1,089	82	0	105	0	0	0	0	0	0
1.4 - 3.5	1,597	446	558	0	61	193	0	335	0	0	0	0	0	2
0 - 1.4	662	189	285	0	8	25	0	154	0	1	0	0	1	0
Total	6,737	2,622	1,609	2	1,338	567	0	595	0	1	0	0	1	2

(Continued)

Table 6-- (continued).

Subregion and productivity class[a]	All forest types	Forest type group: Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Chaparral	Non-stocked
						Thousand hectares								
						National Forest								
Pacific Southwest:														
8.4+	1,023	204	62	0	730	0	0	7	7	7	6	0	0	0
5.9 - 8.4	863	91	153	0	576	0	0	13	0	12	17	0	0	0
3.5 - 5.9	955	20	169	0	709	0	0	14	0	25	17	0	0	0
1.4 - 3.5	425	24	184	1	161	0	0	38	0	6	11	0	0	0
0 - 1.4	1,655	36	79	1	168	0	0	10	0	110	320	458	471	0
Total	4,920	376	648	2	2,344	0	0	82	8	161	371	458	471	0
Western total:														
8.4+	2,784	658	83	9	960	893	84	41	7	8	34	0	0	8
5.9 - 8.4	4,671	1,565	283	52	1,242	750	334	352	0	35	44	0	0	14
3.5 - 5.9	8,600	2,026	1,460	3	3,230	291	152	1,042	0	54	323	0	0	17
1.4 - 3.5	9,164	1,658	2,884	2	1,267	467	5	2,062	0	75	678	0	0	66
0 - 1.4	12,372	987	689	1	892	1,202	13	964	0	1,055	2,018	3,710	554	287
Total	37,591	6,893	5,399	68	7,591	3,603	588	4,460	8	1,227	3,098	3,710	554	391

(Continued)

Table 6– (continued).

Subregion and productivity class[a]	All forest types	Forest type group												
		Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Chaparral	Non-stocked
		Thousand hectares												
		Other public												
Inter-mountain:														
8.4+	172	53	14	2	66	22	2	6	0	0	4	0	0	2
5.9 - 8.4	310	114	14	0	93	42	9	6	0	0	13	0	0	19
3.5 - 5.9	648	248	47	0	137	18	14	71	0	9	81	0	0	22
1.4 - 3.5	1,222	349	365	0	88	0	1	163	0	53	93	0	0	110
0 - 1.4	8,597	15	17	0	11	0	0	3	0	21	317	8,062	0	150
Total	10,948	780	457	2	395	82	27	249	0	83	509	8,062	0	304
Alaska:														
8.4+	43	0	0	0	0	43	0	0	0	0	0	0	0	0
5.9 - 8.4	60	0	0	0	0	55	0	0	0	0	5	0	0	0
3.5 - 5.9	81	0	0	0	0	48	0	0	0	0	34	0	0	0
1.4 - 3.5	1,880	0	0	0	832	32	0	0	0	23	966	0	0	27
0 - 1.4	31,067	0	0	0	23,182	246	0	0	0	6,290	1,349	0	0	0
Total	33,132	0	0	0	24,014	424	0	0	0	6,313	2,354	0	0	27
Pacific Northwest:														
8.4+	1,368	1,083	11	0	34	20	0	0	0	12	175	0	0	33
5.9 - 8.4	321	221	24	0	25	6	10	6	0	0	20	0	0	8
3.5 - 5.9	250	177	27	0	13	4	5	13	0	0	3	0	0	7
1.4 - 3.5	198	75	77	0	2	2	0	25	0	0	6	0	0	11
0 - 1.4	630	24	61	0	1	10	0	0	0	125	19	380	0	10
Total	2,767	1,581	200	0	75	42	15	45	0	137	223	380	0	70

(Continued)

Table 6– (continued).

Subregion and productivity class[a]	All forest types	Forest type group: Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Chaparral	Non-stocked
						Thousand hectares								
						Other public								
Pacific Southwest:														
8.4+	199	3	15	0	0	0	0	0	20	7	79	0	0	74
5.9 - 8.4	38	7	16	0	0	0	0	0	0	0	16	0	0	0
3.5 - 5.9	44	4	24	0	0	0	0	0	0	0	15	0	0	0
1.4 - 3.5	24	0	8	0	0	0	0	2	0	0	14	0	0	0
0 - 1.4	1,214	0	6	0	0	0	0	0	2	83	262	318	537	6
Total	1,519	14	69	0	0	0	0	2	22	91	386	318	537	80
Western total:														
8.4+	1,782	1,138	40	2	99	86	2	6	20	19	259	0	0	110
5.9 - 8.4	730	342	54	0	119	104	19	11	0	0	53	0	0	27
3.5 - 5.9	1,023	430	98	0	150	70	19	84	0	9	133	0	0	28
1.4 - 3.5	3,324	424	450	0	922	33	1	190	0	76	1,079	0	0	149
0 - 1.4	41,508	40	83	0	23,194	256	0	3	2	6,522	1,947	8,760	537	166
Total	48,367	2,375	726	2	24,484	549	41	295	22	6,623	3,471	8,760	537	480

(Continued)

Table 6– (continued).

Subregion and productivity class[a]	All forest types	Forest type group												
		Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Chaparral	Non-stocked
		Thousand hectares												
		Forest industry												
Inter-mountain:														
8.4+	161	57	2	2	61	26	5	6	0	0	0	0	0	3
5.9 - 8.4	321	99	7	0	137	52	13	11	0	0	0	0	0	3
3.5 - 5.9	486	198	48	0	85	38	36	64	0	2	0	0	0	15
1.4 - 3.5	220	117	26	0	21	0	0	32	0	2	0	0	0	23
0 - 1.4	5	0	0	0	0	0	0	0	0	0	0	5	0	0
Total	1,194	471	83	2	303	116	54	112	0	4	0	5	0	45
Alaska:														
8.4+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.9 - 8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.5 - 5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.4 - 3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 - 1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Northwest:														
8.4+	2,241	1,728	0	0	46	47	8	2	0	2	350	0	0	59
5.9 - 8.4	472	308	27	0	48	9	18	0	0	0	50	0	0	12
3.5 - 5.9	430	166	112	0	84	11	3	29	0	0	19	0	0	6
1.4 - 3.5	513	102	262	0	49	5	6	67	0	3	0	0	0	18
0 - 1.4	193	22	67	0	11	15	0	3	0	13	12	45	0	6
Total	3,850	2,325	469	0	238	87	35	101	0	17	431	45	0	100

(Continued)

Table 6– (continued).

Subregion and productivity class[a]	All forest types	Forest type group: Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Chaparral	Non-stocked
						Thousand hectares								
						Forest industry								
Pacific Southwest:														
8.4+	606	51	195	0	13	0	0	0	258	0	86	0	0	3
5.9 - 8.4	329	31	170	0	34	0	0	0	6	0	85	0	0	3
3.5 - 5.9	291	17	218	0	18	0	0	0	7	6	25	0	0	0
1.4 - 3.5	101	0	72	0	6	0	0	0	0	0	21	0	0	3
0 - 1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,327	99	655	0	70	0	0	0	271	6	217	0	0	10
Western total:														
8.4+	3,009	1,836	197	2	120	73	13	8	258	2	435	0	0	65
5.9 - 8.4	1,122	438	204	0	219	61	31	11	6	0	134	0	0	18
3.5 - 5.9	1,207	381	378	0	187	49	40	92	7	8	45	0	0	21
1.4 - 3.5	834	219	360	0	75	5	6	99	0	5	21	0	0	45
0 - 1.4	198	22	67	0	11	15	0	3	0	13	12	51	0	6
Total	6,371	2,896	1,207	2	612	204	89	212	271	27	647	51	0	155

(Continued)

Table 6– (continued).

Subregion and productivity class[a]	All forest types	Forest type group												
		Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Chaparral	Non-stocked
		Thousand hectares												
		Nonindustrial private												
Inter-mountain:														
8.4+	230	98	36	5	34	20	2	16	0	0	16	0	0	2
5.9 - 8.4	537	153	72	2	121	29	16	38	0	0	78	0	0	27
3.5 - 5.9	1,773	430	429	0	345	5	19	109	0	15	339	0	0	81
1.4 - 3.5	3,486	541	1,884	0	159	0	11	181	0	68	386	0	0	256
0 - 1.4	6,852	6	81	0	4	0	0	7	0	32	1,035	5,543	0	144
Total	12,878	1,228	2,502	8	663	55	49	352	0	116	1,855	5,543	0	510
Alaska:														
8.4+	61	0	0	0	0	61	0	0	0	0	0	0	0	0
5.9 - 8.4	94	0	0	0	0	92	0	0	0	0	2	0	0	0
3.5 - 5.9	63	0	0	0	0	63	0	0	0	0	0	0	0	0
1.4 - 3.5	2,285	0	0	0	1,444	64	0	0	0	37	719	0	0	21
0 - 1.4	9,559	0	0	0	3,653	106	0	0	0	1,109	4,690	0	0	0
Total	12,061	0	0	0	5,097	386	0	0	0	1,146	5,410	0	0	21
Pacific Northwest:														
8.4+	1,484	708	17	0	14	93	43	8	2	12	549	0	0	37
5.9 - 8.4	606	235	66	2	23	15	24	38	0	0	178	0	0	25
3.5 - 5.9	654	312	132	0	29	15	13	57	0	2	76	0	0	17
1.4 - 3.5	707	217	343	0	13	7	11	42	0	0	41	3	0	29
0 - 1.4	989	65	191	0	6	5	0	7	0	30	184	480	3	19
Total	4,440	1,537	749	2	86	136	91	151	2	44	1,028	482	3	127

(Continued)

Table 6-- (continued).

Subregion and productivity class[a]	All forest types	Forest type group: Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Chaparral	Non-stocked
						Thousand hectares								
						Nonindustrial private								
Pacific Southwest:														
8.4+	606	38	133	0	29	5	0	0	133	13	183	0	0	73
5.9 - 8.4	443	63	170	0	23	2	0	0	23	5	157	0	0	0
3.5 - 5.9	477	63	209	0	26	0	0	0	8	7	149	0	0	15
1.4 - 3.5	294	2	187	0	8	0	0	6	0	0	77	0	0	13
0 - 1.4	4,209	0	23	0	3	3	0	0	3	144	2,463	167	1,368	36
Total	6,029	166	722	0	89	11	0	6	167	169	3,027	167	1,368	137
Western total:														
8.4+	2,381	843	186	5	77	180	45	24	135	25	748	0	0	113
5.9 - 8.4	1,680	452	308	5	167	139	40	76	23	5	415	0	0	51
3.5 - 5.9	2,966	805	770	0	401	83	32	166	8	25	564	0	0	113
1.4 - 3.5	6,771	760	2,414	0	1,625	72	22	228	0	105	1,223	3	0	319
0 - 1.4	21,610	71	295	0	3,667	115	0	14	3	1,314	8,371	6,189	1,371	165
Total	35,409	2,931	3,973	10	5,936	588	140	509	169	1,474	11,321	6,192	1,371	760

[a] *Productivity classes are displayed as cubic meters per hectare per year.*

Note: Data may not add to totals because of rounding.

Table 7–Timberland area in the United States by ownership, region, subregion, and State, for 1992, 1987, 1977, 1962, and 1952

Region, Subregion, and State	Year	All ownerships	Public						Private				
				Federal							Nonindustrial private		
			Total public	Total federal	National Forest	Bureau of Land Management	Other	State	County and Municipal	Total private	Forest industry	Total	Farmer	Other private
								Thousand hectares						
North:														
Northeast:														
Connecticut	1992	716	87	6	0	0	6	56	25	628	2	627	91	536
	1987	719	100	6	0	0	6	63	30	619	0	619	93	526
	1977	731	59	1	0	0	1	49	10	671	0	671	52	620
	1962	767	63	0	0	0	0	49	13	704	1	703	168	535
	1952	798	63	0	0	0	0	49	13	736	1	735	271	463
Delaware	1992	152	5	0	0	0	0	5	0	147	13	134	28	106
	1987	157	6	0	0	0	0	6	0	151	12	139	64	76
	1977	155	6	0	0	0	0	5	0	150	12	138	72	66
	1962	158	4	0	0	0	0	3	0	155	10	144	70	75
	1952	159	5	0	0	0	0	4	1	153	8	145	86	59
Maine	1992	6,875	213	24	16	0	8	143	46	6,661	3,244	3,417	526	2,892
	1987	6,950	200	31	19	0	12	134	36	6,750	3,353	3,397	528	2,869
	1977	6,825	219	30	15	0	15	143	46	6,606	3,271	3,335	442	2,892
	1962	6,790	83	27	16	0	11	26	30	6,707	2,639	4,068	868	3,200
	1952	6,722	74	36	16	0	21	17	21	6,648	2,678	3,970	1,183	2,787
Maryland	1992	981	100	10	0	0	10	76	13	881	53	829	117	712
	1987	996	113	9	0	0	9	96	9	883	54	829	219	610
	1977	1,021	98	10	0	0	10	75	13	923	56	866	416	450
	1962	1,152	87	22	0	0	22	52	13	1,065	23	1,042	387	655
	1952	1,155	87	22	0	0	22	52	13	1,069	23	1,046	517	529
Massachusetts	1992	1,198	174	7	0	0	7	120	47	1,023	27	997	188	809
	1987	1,218	192	16	0	0	16	118	57	1,026	33	994	85	908
	1977	1,132	148	4	0	0	4	97	47	984	12	972	103	870
	1962	1,231	161	12	0	0	12	113	36	1,069	12	1,057	244	813
	1952	1,319	161	12	0	0	12	113	36	1,157	105	1,053	359	694
New Hampshire	1992	1,926	289	217	209	0	7	32	40	1,638	266	1,372	151	1,221
	1987	1,944	319	217	205	0	12	54	48	1,625	268	1,357	151	1,206
	1977	1,899	235	191	186	0	5	32	12	1,664	383	1,281	87	1,194
	1962	1,998	282	234	230	0	4	27	21	1,716	321	1,395	349	1,046
	1952	1,950	276	237	235	0	2	18	21	1,674	312	1,362	539	823

(Continued)

Table 7-- (continued).

Region, Subregion, and State	Year	All ownerships	Public							Private				
				Federal								Nonindustrial private		
			Total public	Total federal	National Forest	Bureau of Land Management	Other	State	County and Municipal	Total private	Forest industry	Total	Farmer	Other private
								Thousand hectares						
New Jersey	1992	754	188	8	0	0	8	138	42	567	0	567	46	520
	1987	775	216	100	0	0	100	91	25	559	0	559	46	513
	1977	752	129	11	0	0	11	100	18	622	6	616	44	572
	1962	915	103	7	0	0	7	96	0	813	2	811	121	690
	1952	830	73	0	0	0	0	53	20	756	2	755	179	575
New York	1992	6,372	402	39	2	0	37	301	62	5,970	419	5,551	1,564	3,988
	1987	6,393	492	50	2	0	47	364	78	5,902	452	5,450	1,597	3,854
	1977	6,234	396	38	2	0	36	292	66	5,838	418	5,420	1,597	3,823
	1962	5,430	362	40	0	0	40	289	34	5,068	474	4,593	1,683	2,911
	1952	4,837	362	40	0	0	40	289	34	4,475	474	4,000	2,018	1,982
Pennsylvania	1992	6,414	1,372	209	189	0	21	1,069	94	5,042	248	4,794	461	4,334
	1987	6,442	1,411	220	193	0	26	1,105	86	5,031	356	4,675	1,398	3,277
	1977	6,444	1,405	204	196	0	7	1,132	70	5,040	390	4,650	1,422	3,228
	1962	6,588	1,336	196	182	0	14	1,076	63	5,253	179	5,074	1,548	3,526
	1952	5,898	1,307	199	184	0	15	1,044	64	4,591	179	4,412	1,913	2,499
Rhode Island	1992	150	18	0	0	0	0	14	4	132	2	130	12	118
	1987	149	32	1	0	0	1	28	3	117	0	117	12	105
	1977	160	13	0	0	0	0	8	5	147	0	147	10	137
	1962	174	11	0	0	0	0	5	5	163	0	163	27	136
	1952	174	11	0	0	0	0	5	5	163	0	163	42	121
Vermont	1992	1,792	190	94	94	0	0	76	21	1,602	166	1,436	394	1,042
	1987	1,790	267	102	102	0	0	134	32	1,523	142	1,381	234	1,147
	1977	1,793	171	86	85	0	2	68	17	1,622	270	1,353	262	1,091
	1962	1,704	133	93	90	0	3	32	8	1,571	214	1,357	624	733
	1952	1,556	120	81	77	0	3	32	8	1,436	214	1,223	779	444
West Virginia	1992	4,822	473	403	372	0	31	61	9	4,349	361	3,988	223	3,765
	1987	4,775	534	433	371	0	62	101	0	4,241	419	3,822	780	3,042
	1977	4,648	454	361	345	0	16	93	0	4,194	356	3,838	780	3,058
	1962	4,609	419	357	352	0	6	58	4	4,190	214	3,975	1,078	2,898
	1952	4,159	397	362	357	0	6	34	2	3,761	109	3,652	1,402	2,250

(Continued)

Table 7– (continued).

Region, Subregion, and State	Year	All ownerships	Public							Private				
				Federal								Nonindustrial private		
			Total public	Total federal	National Forest	Bureau of Land Management	Other	State	County and Municipal	Total private	Forest industry	Total	Farmer	Other private
			Thousand hectares											
Northeast Total:	1992	32,153	3,511	1,016	882	0	135	2,091	404	28,641	4,799	23,842	3,800	20,043
	1987	32,309	3,881	1,184	892	0	293	2,293	405	28,428	5,089	23,339	5,208	18,131
	1977	31,794	3,332	936	829	0	106	2,093	304	28,462	5,176	23,286	5,287	17,999
	1962	31,516	3,043	989	870	0	119	1,827	227	28,473	4,089	24,384	7,166	17,218
	1952	29,557	2,936	989	868	0	121	1,710	237	26,621	4,105	22,516	9,290	13,226
North Central:														
Illinois	1992	1,631	157	118	91	0	27	22	17	1,474	5	1,468	740	728
	1987	1,631	157	118	91	0	27	22	17	1,474	5	1,468	740	728
	1977	1,632	134	110	85	0	25	9	14	1,499	6	1,493	853	639
	1962	1,633	97	93	76	0	17	4	0	1,535	7	1,529	897	632
	1952	1,550	91	87	74	0	13	4	0	1,459	4	1,454	1,198	256
Indiana	1992	1,739	217	133	67	0	66	72	12	1,522	7	1,515	690	825
	1987	1,739	217	133	67	0	66	72	12	1,522	7	1,515	690	825
	1977	1,544	166	97	66	0	31	69	0	1,378	11	1,367	1,031	336
	1962	1,590	119	72	45	0	26	47	1	1,471	4	1,468	1,155	313
	1952	1,625	115	70	45	0	24	44	1	1,510	4	1,507	1,153	354
Iowa	1992	787	63	18	0	0	18	30	15	724	0	724	503	221
	1987	591	41	17	0	0	17	21	3	550	0	550	406	144
	1977	591	45	22	0	0	22	21	2	546	7	539	399	140
	1962	809	21	12	1	0	11	9	1	788	2	785	670	115
	1952	1,050	15	5	1	0	4	9	1	1,036	0	1,036	924	112
Michigan	1992	7,059	2,508	987	969	0	18	1,445	76	4,551	802	3,750	1,254	2,496
	1987	7,027	2,545	1,020	1,002	0	18	1,449	76	4,482	796	3,687	1,236	2,450
	1977	7,365	2,574	1,007	985	3	18	1,523	44	4,791	865	3,926	1,388	2,538
	1962	7,738	2,545	1,015	975	4	36	1,495	34	5,193	626	4,567	1,554	3,012
	1952	7,738	2,545	1,015	975	4	36	1,495	34	5,193	626	4,567	1,554	3,012
Minnesota	1992	5,979	3,077	817	737	11	70	1,246	1,014	2,902	304	2,598	903	1,695
	1987	5,493	2,758	739	676	18	45	1,074	945	2,735	319	2,416	1,354	1,062
	1977	5,542	2,777	757	694	4	59	1,073	948	2,766	312	2,453	1,378	1,076
	1962	6,237	3,091	930	867	26	37	1,057	1,105	3,146	290	2,856	1,292	1,564
	1952	6,710	3,402	946	888	20	38	992	1,465	3,308	234	3,074	1,375	1,699

(Continued)

Table 7– (continued).

Region, Subregion, and State	Year	All ownerships	Public							Private				
				Federal								Nonindustrial private		
			Total public	Total federal	National Forest	Bureau of Land Management	Other	State	County and Municipal	Total private	Forest industry	Total	Farmer	Other private
			Thousand hectares											
Missouri	1992	5,414	817	637	537	0	100	163	17	4,597	90	4,507	2,033	2,474
	1987	4,854	671	563	527	0	35	98	10	4,184	93	4,090	2,432	1,658
	1977	4,973	620	531	504	0	27	76	13	4,353	147	4,206	2,484	1,723
	1962	5,463	636	551	531	0	21	74	10	4,828	113	4,714	3,208	1,507
	1952	5,787	654	591	542	0	49	63	0	5,133	186	4,947	3,130	1,817
Ohio	1992	3,062	210	76	76	0	0	92	42	2,853	71	2,782	1,200	1,582
	1987	2,890	171	69	69	0	0	70	32	2,719	75	2,644	1,138	1,505
	1977	2,799	166	68	64	0	4	82	17	2,633	75	2,557	1,261	1,296
	1962	2,445	146	36	36	0	0	93	17	2,299	30	2,269	1,166	1,103
	1952	2,206	120	36	36	0	0	68	17	2,085	12	2,073	1,421	652
Wisconsin	1992	6,039	1,706	578	504	0	74	235	893	4,333	477	3,856	1,425	2,430
	1987	5,960	1,686	574	503	0	72	230	882	4,273	469	3,804	1,415	2,389
	1977	5,859	1,747	560	512	0	47	230	958	4,112	465	3,647	1,912	1,736
	1962	5,946	1,805	602	555	2	45	219	984	4,142	378	3,764	2,369	1,395
	1952	6,212	1,910	657	549	2	106	180	1,073	4,302	381	3,920	2,531	1,390
North Central Total:	1992	31,708	8,754	3,364	2,981	11	372	3,304	2,085	22,955	1,756	21,198	8,748	12,451
	1987	30,184	8,246	3,234	2,935	18	280	3,036	1,976	21,938	1,765	20,173	9,411	10,762
	1977	30,306	8,229	3,153	2,911	7	234	3,081	1,996	22,077	1,888	20,189	10,705	9,485
	1962	31,862	8,460	3,310	3,086	32	193	2,999	2,151	23,402	1,450	21,952	12,311	9,642
	1952	32,878	8,853	3,408	3,111	26	270	2,855	2,590	24,025	1,448	22,577	13,285	9,292
North Total:	1992	63,861	12,265	4,380	3,863	11	507	5,395	2,489	51,596	6,555	45,041	12,547	32,493
	1987	62,493	12,127	4,418	3,827	18	573	5,329	2,380	50,366	6,854	43,512	14,619	28,893
	1977	62,100	11,561	4,088	3,741	7	340	5,174	2,299	50,539	7,063	43,475	15,991	27,484
	1962	63,378	11,503	4,299	3,956	32	312	4,826	2,378	51,875	5,540	46,336	19,477	26,859
	1952	62,435	11,789	4,397	3,979	26	392	4,565	2,827	50,646	5,553	45,093	22,576	22,518
South:														
Southeast:														
Florida	1992	*	*	*	*	*	*	*	*	*	*	*	*	*
	1987	6,064	985	632	401	0	231	329	24	5,079	1,930	3,148	466	2,682
	1977	6,412	871	639	407	0	232	215	16	5,541	1,885	3,656	1,051	2,605
	1962	6,811	891	656	417	1	238	219	16	5,920	1,929	3,991	1,454	2,537
	1952	7,339	896	719	419	6	295	155	23	6,443	1,768	4,675	2,946	1,728

(Continued)

Table 7– (continued).

Region, Subregion, and State	Year	All ownerships	Public							Private				
				Federal								Nonindustrial private		
			Total public	Total federal	National Forest	Bureau of Land Management	Other	State	County and Municipal	Total private	Forest industry	Total	Farmer	Other private
								Thousand hectares						
Georgia	1992	9,563	666	555	304	0	251	75	36	8,898	2,019	6,878	1,987	4,892
	1987	9,575	651	575	320	0	255	48	28	8,924	2,017	6,907	2,134	4,773
	1977	9,756	643	588	329	0	259	40	15	9,113	1,873	7,239	3,213	4,026
	1962	10,643	734	679	302	0	377	45	10	9,909	1,646	8,263	5,931	2,332
	1952	9,700	682	631	261	0	371	41	9	9,018	1,718	7,300	6,416	884
North Carolina	1992	7,572	789	615	438	0	177	140	34	6,783	911	5,871	2,040	3,831
	1987	7,588	753	583	415	0	168	137	33	6,835	946	5,889	2,278	3,611
	1977	7,865	695	534	416	0	117	130	32	7,170	866	6,304	3,390	2,914
	1962	8,090	673	522	418	0	104	124	27	7,417	1,010	6,407	3,846	2,561
	1952	7,925	623	506	413	0	94	102	15	7,302	1,046	6,256	5,500	756
South Carolina	1992	4,929	475	369	234	0	136	94	11	4,454	1,063	3,391	1,269	2,122
	1987	4,929	475	369	234	0	136	94	11	4,454	1,063	3,391	1,269	2,122
	1977	5,057	439	362	232	0	130	68	9	4,618	896	3,722	1,824	1,898
	1962	4,925	418	347	228	0	119	62	9	4,507	813	3,694	2,281	1,412
	1952	4,809	386	325	228	0	97	52	10	4,423	668	3,755	3,047	708
Virginia	1992	6,189	790	675	585	0	89	85	31	5,398	653	4,745	1,702	3,043
	1987	6,301	807	691	601	0	89	85	31	5,495	742	4,752	1,705	3,048
	1977	6,451	777	675	576	0	99	74	28	5,673	676	4,997	2,513	2,484
	1962	6,375	622	565	487	0	78	36	21	5,754	588	5,166	3,238	1,928
	1952	6,272	604	548	485	0	64	35	21	5,667	443	5,224	4,378	847
Southeast Total:	1992	34,316	3,705	2,846	1,962	0	884	724	136	30,611	6,577	24,034	7,464	16,570
	1987	34,457	3,671	2,850	1,970	0	880	693	127	30,786	6,698	24,088	7,852	16,237
	1977	35,540	3,425	2,798	1,960	0	838	527	100	32,115	6,197	25,919	11,991	13,928
	1962	36,844	3,337	2,769	1,852	1	916	485	83	33,507	5,987	27,520	16,751	10,769
	1952	36,045	3,192	2,730	1,805	6	919	385	78	32,854	5,643	27,210	22,288	4,923
South Central:														
Alabama	1992	8,880	474	350	249	0	101	86	38	8,406	1,941	6,465	2,015	4,450
	1987	8,765	470	385	279	2	104	59	25	8,296	1,807	6,489	2,382	4,107
	1977	8,700	442	348	267	0	81	70	24	8,259	1,752	6,506	2,718	3,788
	1962	8,800	406	324	255	1	68	64	19	8,394	1,545	6,849	3,089	3,760
	1952	8,400	392	320	249	4	67	61	11	8,008	1,270	6,738	3,284	3,455

(Continued)

Table 7– (continued).

Region, Subregion, and State	Year	All ownerships	Public							Private				
				Federal								Nonindustrial private		
			Total public	Total federal	National Forest	Bureau of Land Management	Other	State	County and Municipal	Total private	Forest industry	Total	Farmer	Other private
			Thousand hectares											
Arkansas	1992	7,051	1,268	1,104	946	0	157	141	23	5,784	1,775	4,009	1,196	2,813
	1987	6,748	1,219	1,076	943	0	134	126	17	5,529	1,716	3,813	1,202	2,612
	1977	6,796	1,181	1,076	951	0	124	97	8	5,615	1,682	3,933	1,239	2,694
	1962	8,082	1,156	1,073	965	1	106	79	4	6,926	1,622	5,305	2,036	3,269
	1952	7,943	1,180	1,133	928	49	156	47	1	6,763	1,682	5,081	2,795	2,285
Kentucky	1992	5,002	389	358	255	0	102	31	0	4,614	83	4,531	586	3,945
	1987	4,820	360	346	236	0	110	14	0	4,459	83	4,376	2,373	2,003
	1977	4,817	362	331	238	0	93	31	0	4,455	103	4,351	2,221	2,130
	1962	4,715	264	233	177	0	55	31	0	4,451	125	4,327	2,598	1,728
	1952	4,653	293	272	184	0	88	21	0	4,359	125	4,235	2,924	1,310
Louisiana	1992	5,607	531	325	230	0	95	122	84	5,077	1,593	3,483	300	3,183
	1987	5,614	539	337	251	0	86	134	68	5,075	1,458	3,617	376	3,242
	1977	5,784	414	289	235	0	54	121	4	5,370	1,527	3,843	828	3,015
	1962	6,490	357	285	233	4	48	70	2	6,132	1,227	4,905	1,101	3,805
	1952	6,491	343	270	217	2	51	72	2	6,148	1,281	4,867	1,322	3,544
Mississippi	1992	6,876	755	604	463	0	141	104	47	6,121	1,322	4,799	1,688	3,111
	1987	6,748	696	602	502	0	100	40	53	6,052	1,159	4,893	2,088	2,805
	1977	6,679	673	486	454	0	32	38	148	6,006	1,212	4,794	1,981	2,813
	1962	6,898	691	508	449	2	57	22	161	6,206	1,022	5,184	2,232	2,952
	1952	6,820	692	500	419	2	79	22	170	6,129	996	5,133	2,944	2,189
Oklahoma	1992	2,478	239	189	99	0	91	47	3	2,239	436	1,803	524	1,278
	1987	2,463	237	188	98	0	89	47	3	2,226	423	1,803	524	1,278
	1977	2,240	181	138	89	0	50	37	6	2,059	408	1,651	441	1,210
	1962	1,980	173	118	90	1	26	55	0	1,807	350	1,457	483	974
	1952	2,054	200	125	86	3	36	75	0	1,854	360	1,494	622	872
Tennessee	1992	5,372	614	420	229	0	191	171	24	4,758	454	4,304	1,560	2,744
	1987	5,196	550	388	235	2	150	151	12	4,646	494	4,152	1,805	2,347
	1977	5,205	470	346	226	0	121	115	9	4,735	490	4,245	2,066	2,179
	1962	5,409	485	338	239	0	98	139	8	4,924	374	4,550	2,273	2,277
	1952	5,079	451	326	228	0	98	121	4	4,629	289	4,340	2,562	1,778

(Continued)

Table 7– (continued).

Region, Subregion, and State	Year	All ownerships	Public							Private				
				Federal								Nonindustrial private		
			Total public	Total federal	National Forest	Bureau of Land Management	Other	State	County and Municipal	Total private	Forest industry	Total	Farmer	Other private
								Thousand hectares						
Texas	1992	5,078	323	285	244	0	41	33	5	4,755	1,613	3,142	645	2,497
	1987	5,024	322	287	247	0	40	30	5	4,702	1,536	3,166	645	2,521
	1977	5,029	313	290	233	0	57	20	3	4,716	1,545	3,171	474	2,697
	1962	5,245	337	316	252	0	64	20	1	4,908	1,361	3,548	1,111	2,436
	1952	5,294	316	302	265	0	37	14	1	4,977	1,222	3,756	1,429	2,327
South Central Total:	1992	46,344	4,592	3,633	2,714	0	919	734	224	41,752	9,217	32,536	8,515	24,021
	1987	45,378	4,393	3,609	2,791	4	813	601	183	40,986	8,676	32,310	11,395	20,914
	1977	45,250	4,036	3,306	2,692	1	612	528	202	41,214	8,720	32,494	11,968	20,526
	1962	47,618	3,869	3,193	2,660	10	523	480	195	43,749	7,625	36,124	14,923	21,202
	1952	46,734	3,867	3,247	2,576	59	612	432	189	42,867	7,224	35,643	17,882	17,760
South Total:	1992	80,660	8,297	6,479	4,676	0	1,803	1,458	360	72,436	15,793	56,570	15,980	40,590
	1987	79,835	8,063	6,459	4,761	4	1,693	1,294	310	71,772	15,374	56,398	19,247	37,151
	1977	80,790	7,461	6,104	4,652	1	1,450	1,055	302	73,330	14,917	58,412	23,959	34,453
	1962	84,462	7,206	5,962	4,512	11	1,439	966	278	77,256	13,612	63,644	31,673	31,971
	1952	82,780	7,059	5,977	4,380	65	1,531	817	266	75,721	12,867	62,853	40,170	22,683
Rocky Mountains:														
Great Plains:														
Kansas	1992	489	19	15	*	0	15	3	1	470	1	469	304	166
	1987	488	19	15	0	0	15	3	1	470	0	470	303	167
	1977	480	15	11	0	0	11	3	1	466	0	466	323	142
	1962	483	15	11	0	0	11	3	1	469	0	469	326	143
	1952	489	11	11	0	0	11	0	0	478	0	478	332	146
Nebraska	1992	217	22	12	*	0	0	9	2	195	0	195	154	40
	1987	217	22	12	12	0	0	9	2	195	0	195	154	41
	1977	240	22	17	12	0	6	4	0	218	0	218	172	47
	1962	273	21	17	11	0	6	4	0	252	0	252	193	59
	1952	297	23	18	11	0	7	4	0	274	0	274	216	59
North Dakota	1992	137	14	5	*	0	5	9	1	123	0	123	106	17
	1987	137	15	5	0	0	5	9	1	122	0	122	106	16
	1977	164	25	21	0	0	21	4	0	138	0	138	66	73
	1962	172	26	22	0	0	22	4	0	145	0	145	70	75
	1952	183	28	23	0	0	23	4	0	155	0	155	74	81

(Continued)

Table 7– (continued).

Region, Subregion, and State	Year	All owner-ships	Public							Private				
				Federal								Nonindustrial private		
			Total public	Total federal	National Forest	Bureau of Land Manage-ment	Other	State	County and Municipal	Total private	Forest industry	Total	Farmer	Other private
								Thousand hectares						
South Dakota	1992	*	*	*	*	*	*	*	*	*	*	*	*	*
	1987	586	407	370	370	0	0	35	1	179	8	170	79	92
	1977	594	420	391	386	2	2	28	1	174	6	167	120	47
	1962	624	420	394	387	3	4	27	0	203	7	196	151	46
	1952	656	420	393	385	3	4	27	0	237	7	230	174	56
Great Plains Total:	1992	1,428	462	402	382	0	20	56	4	966	10	956	642	314
	1987	1,428	462	402	382	0	20	56	4	966	8	958	642	316
	1977	1,478	482	440	397	2	40	40	2	996	6	990	680	309
	1962	1,552	482	444	399	3	42	38	1	1,069	7	1,062	739	323
	1952	1,624	481	445	396	3	45	36	0	1,144	7	1,137	795	342
Intermountain:														
Arizona	1992	1,606	1,095	1,090	1,072	*	*	*	*	*	*	*	*	*
	1987	1,533	1,023	1,018	1,000	8	10	5	0	511	0	511	0	511
	1977	1,577	1,017	1,004	996	7	0	13	1	559	0	559	33	527
	1962	1,495	964	951	950	1	0	13	1	531	0	531	33	497
	1952	1,465	932	919	918	1	0	13	1	533	0	533	33	499
Colorado	1992	*	*	*	*	*	*	*	*	*	*	*	*	*
	1987	4,751	3,425	3,296	2,858	435	3	111	19	1,326	0	1,326	386	939
	1977	4,579	3,305	3,210	3,038	171	2	76	18	1,274	6	1,268	1,067	202
	1962	5,002	3,694	3,599	3,429	168	2	76	18	1,308	6	1,302	1,070	231
	1952	4,971	3,658	3,562	3,392	168	2	77	18	1,313	6	1,308	1,074	233
Idaho	1992	5,858	4,545	4,151	*	207	16	391	3	1,313	501	812	602	210
	1987	5,882	4,612	4,172	3,928	226	19	419	21	1,270	485	785	582	203
	1977	5,480	4,229	3,873	3,704	166	3	348	8	1,251	383	868	314	553
	1962	6,364	5,117	4,760	4,553	204	3	350	8	1,247	384	863	315	548
	1952	6,289	5,036	4,678	4,470	204	3	351	8	1,253	386	867	317	550
Montana	1992	6,420	4,009	3,717	*	317	40	289	3	2,411	655	1,756	1,062	694
	1987	5,964	3,797	3,538	3,359	174	4	258	1	2,167	689	1,478	967	511
	1977	5,811	3,711	3,495	3,303	170	21	214	2	2,100	427	1,673	790	883
	1962	6,811	4,706	4,489	4,274	194	21	215	2	2,105	429	1,677	792	884
	1952	6,780	4,666	4,448	4,232	195	22	216	2	2,114	430	1,684	796	888

(Continued)

Table 7– (continued).

Region, Subregion, and State	Year	All ownerships	Public							Private				
				Federal								Nonindustrial private		
			Total public	Total federal	National Forest	Bureau of Land Management	Other	State	County and Municipal	Total private	Forest industry	Total	Farmer	Other private
			Thousand hectares											
Nevada	1992	91	45	44	41	*	*	*	*	*	*	*	*	*
	1987	89	44	43	40	2	0	1	0	45	0	45	15	30
	1977	54	27	25	25	0	0	1	0	28	3	24	1	24
	1962	57	30	28	28	0	0	1	0	28	3	25	1	24
	1952	57	30	28	28	0	0	1	0	28	3	25	1	24
New Mexico	1992	2,193	1,401	1,362	1,344	18	0	34	5	792	0	792	217	575
	1987	2,096	1,216	1,171	1,159	12	0	45	0	880	2	878	245	633
	1977	2,241	1,229	1,160	1,140	16	4	69	0	1,012	0	1,012	627	384
	1962	2,325	1,294	1,225	1,190	31	4	70	0	1,032	56	976	629	347
	1952	2,277	1,241	1,172	1,137	31	4	70	0	1,036	56	980	632	348
Utah	1992	*	*	*	*	*	*	*	*	*	*	*	*	*
	1987	1,246	1,004	936	853	71	13	61	7	242	0	242	129	113
	1977	1,378	1,081	984	922	62	0	97	0	297	0	297	218	80
	1962	1,567	1,235	1,138	1,075	63	0	97	0	332	0	332	218	114
	1952	1,571	1,238	1,140	1,077	63	0	98	0	333	0	333	219	114
Wyoming	1992	*	*	*	*	*	*	*	*	*	*	*	*	*
	1987	1,753	1,169	1,087	895	192	0	82	0	584	15	569	275	294
	1977	1,754	1,358	1,313	1,232	81	0	45	0	396	22	374	251	123
	1962	1,911	1,513	1,468	1,308	160	0	45	0	397	22	375	252	124
	1952	1,917	1,518	1,474	1,313	161	0	45	0	399	22	377	253	124
Intermountain Total:	1992	23,917	16,692	15,682	14,350	1,249	83	975	36	7,225	1,171	6,054	2,686	3,368
	1987	23,315	16,290	15,261	14,091	1,120	49	983	47	7,025	1,191	5,834	2,599	3,235
	1977	22,874	15,956	15,063	14,360	673	30	864	29	6,918	841	6,076	3,301	2,775
	1962	25,531	18,552	17,657	16,807	820	30	867	29	6,979	900	6,079	3,311	2,768
	1952	25,328	18,320	17,420	16,566	823	30	871	29	7,009	904	6,105	3,325	2,780
Rocky Mountains Total:	1992	25,346	17,154	16,084	14,732	1,249	102	1,030	41	8,191	1,181	7,010	3,328	3,682
	1987	24,743	16,753	15,663	14,473	1,120	70	1,038	51	7,991	1,200	6,791	3,241	3,550
	1977	24,352	16,438	15,503	14,757	675	70	904	31	7,914	848	7,066	3,981	3,085
	1962	27,083	19,035	18,101	17,206	823	72	905	30	8,047	907	7,141	4,050	3,091
	1952	26,953	18,800	17,865	16,963	826	76	907	30	8,153	911	7,242	4,120	3,121

(Continued)

Table 7– (continued).

Region, Subregion, and State	Year	All ownerships	Public							Private				
				Federal								Nonindustrial private		
			Total public	Total federal	National Forest	Bureau of Land Management	Other	State	County and Municipal	Total private	Forest industry	Total	Farmer	Other private
								Thousand hectares						
Pacific Coast:														
Alaska:														
Alaska	1992	6,098	3,595	1,716	1,530	136	50	1,871	8	2,503	0	2,503	167	2,336
	1987	6,379	3,876	1,998	1,811	136	50	1,871	8	2,503	0	2,503	167	2,336
	1977	7,981	7,756	6,374	2,642	3,681	51	1,374	7	226	0	226	149	77
	1962	8,142	7,984	7,869	2,763	5,055	51	113	2	158	0	158	103	55
	1952	8,232	8,129	8,097	2,782	5,264	51	30	2	104	0	104	49	55
Alaska Total:	1992	6,098	3,595	1,716	1,530	136	50	1,871	8	2,503	0	2,503	167	2,336
	1987	6,379	3,876	1,998	1,811	136	50	1,871	8	2,503	0	2,503	167	2,336
	1977	7,981	7,756	6,374	2,642	3,681	51	1,374	7	226	0	226	149	77
	1962	8,142	7,984	7,869	2,763	5,055	51	113	2	158	0	158	103	55
	1952	8,232	8,129	8,097	2,782	5,264	51	30	2	104	0	104	49	55
Pacific Northwest:														
Oregon	1992	8,747	5,263	4,909	4,108	798	2	318	36	3,484	1,994	1,491	560	930
	1987	8,938	5,419	5,043	4,109	932	2	335	41	3,518	2,070	1,449	538	911
	1977	9,798	5,966	5,592	4,708	881	2	332	43	3,832	2,235	1,597	850	747
	1962	10,370	6,165	5,786	4,883	900	3	323	57	4,205	2,059	2,146	1,178	968
	1952	10,396	5,952	5,526	4,571	951	3	323	103	4,444	1,886	2,558	1,259	1,299
Washington	1992	6,572	2,949	2,036	*	13	56	824	89	3,623	1,663	1,960	268	1,692
	1987	6,819	2,945	2,034	1,966	15	53	820	91	3,874	1,857	2,017	338	1,679
	1977	7,253	3,095	2,178	2,091	19	68	843	74	4,158	1,748	2,410	735	1,675
	1962	7,633	3,285	2,359	2,264	38	57	850	76	4,347	1,756	2,592	891	1,701
	1952	7,765	3,315	2,380	2,264	70	46	848	87	4,450	1,775	2,676	929	1,747
Pacific Northwest Total:	1992	15,318	8,211	6,945	6,075	811	59	1,142	125	7,107	3,656	3,451	828	2,623
	1987	15,757	8,364	7,077	6,075	947	55	1,154	132	7,393	3,926	3,466	877	2,590
	1977	17,051	9,062	7,770	6,799	900	70	1,175	117	7,990	3,983	4,007	1,586	2,421
	1962	18,002	9,450	8,145	7,147	938	60	1,172	133	8,552	3,815	4,737	2,069	2,669
	1952	18,161	9,266	7,906	6,836	1,021	49	1,170	190	8,895	3,661	5,234	2,188	3,046

(Continued)

Table 7– (continued).

Region, Subregion, and State	Year	All owner-ships	Public							Private				
				Federal								Nonindustrial private		
			Total public	Total federal	National Forest	Bureau of Land Manage-ment	Other	State	County and Municipal	Total private	Forest industry	Total	Farmer	Other private
								Thousand hectares						
Pacific Southwest: California	1992	6,556	3,556	3,512	3,387	121	4	38	5	3,000	1,327	1,673	531	1,142
	1987	6,763	3,706	3,663	3,538	121	4	38	5	3,057	1,116	1,941	616	1,325
	1977	6,598	3,456	3,413	3,306	91	16	32	11	3,142	1,087	2,054	666	1,388
	1962	6,960	3,770	3,741	3,609	116	16	27	2	3,190	989	2,200	614	1,586
	1952	6,931	3,614	3,533	3,388	129	16	78	3	3,317	877	2,440	673	1,767
Hawaii	1992	*	*	*	*	*	*	*	*	*	*	*	*	*
	1987	283	137	0	0	0	0	136	1	147	0	147	0	147
	1977	384	184	5	0	0	5	179	0	200	0	200	0	200
	1962	441	201	4	0	0	4	197	0	240	0	240	148	92
	1952	441	201	4	0	0	4	197	0	240	0	240	148	92
Pacific Southwest Total:	1992	6,839	3,692	3,512	3,387	121	4	174	6	3,147	1,327	1,820	531	1,288
	1987	7,047	3,843	3,663	3,538	121	4	174	6	3,204	1,116	2,088	616	1,471
	1977	6,981	3,640	3,418	3,306	91	21	211	11	3,342	1,087	2,254	666	1,588
	1962	7,401	3,971	3,745	3,609	116	20	224	2	3,430	989	2,440	762	1,678
	1952	7,372	3,815	3,537	3,388	129	20	275	3	3,557	877	2,680	822	1,858
Pacific Coast Total:	1992	28,256	15,499	12,173	10,992	1,069	113	3,187	138	12,757	4,983	7,774	1,527	6,247
	1987	29,183	16,083	12,738	11,424	1,205	109	3,199	146	13,099	5,042	8,057	1,660	6,397
	1977	32,014	20,457	17,562	12,747	4,673	142	2,760	134	11,557	5,070	6,487	2,400	5,222
	1962	33,545	21,405	19,758	13,519	6,108	131	1,510	137	12,140	4,804	7,336	2,934	4,402
	1952	33,766	21,101	19,540	13,005	6,414	120	1,476	195	12,556	4,538	8,018	3,058	4,960
United States:	1992	198,123	53,215	39,116	34,262	2,329	2,525	11,071	3,029	144,907	28,513	116,394	33,381	83,012
	1987	196,254	53,026	39,277	34,485	2,347	2,445	10,861	2,888	143,228	28,469	114,758	38,767	75,992
	1977	199,256	55,917	43,257	35,897	5,357	2,003	9,894	2,766	143,339	27,899	115,440	46,332	69,109
	1962	208,468	59,150	48,120	39,193	6,973	1,954	8,206	2,824	149,319	24,862	124,457	58,133	66,323
	1952	205,933	58,858	47,777	38,328	7,332	2,118	7,763	3,317	147,076	23,869	123,207	69,924	53,283

Note: Data may not add to totals because of rounding.
Note: Indian lands are included in the Other Private owner category for all years.
Note: An "" indicates that the 1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Table 8--Timberland area in the United States by ownership group, region, subregion, and State, 1992

Region, Subregion, and State	All ownerships	Ownership group			
		National Forest	Other public	Forest industry	Non-industrial private
	Thousand hectares				
North:					
Northeast:					
Connecticut	716	0	87	2	627
Delaware	152	0	5	13	134
Maine	6,875	16	197	3,244	3,417
Maryland	981	0	100	53	829
Massachusetts	1,198	0	174	27	997
New Hampshire	1,926	209	79	266	1,372
New Jersey	754	0	188	0	567
New York	6,372	2	399	419	5,551
Pennsylvania	6,414	189	1,184	248	4,794
Rhode Island	150	0	18	2	130
Vermont	1,792	94	96	166	1,436
West Virginia	4,822	372	101	361	3,988
Total	32,153	882	2,630	4,799	23,842
North Central:					
Illinois	1,631	91	66	5	1,468
Indiana	1,739	67	149	7	1,515
Iowa	787	0	63	0	724
Michigan	7,059	969	1,539	802	3,750
Minnesota	5,979	737	2,340	304	2,598
Missouri	5,414	537	280	90	4,507
Ohio	3,062	76	134	71	2,782
Wisconsin	6,039	504	1,202	477	3,856
Total	31,708	2,981	5,772	1,756	21,198
North Total:	63,861	3,863	8,402	6,555	45,041
South:					
Southeast:					
Florida [a]	6,064	401	584	1,930	3,148
Georgia	9,563	304	362	2,019	6,878
North Carolina	7,572	438	351	911	5,871
South Carolina	4,929	234	241	1,063	3,391
Virginia	6,189	585	205	653	4,745
Total	34,316	1,962	1,744	6,577	24,034
South Central:					
Alabama	8,880	249	225	1,941	6,465
Arkansas	7,051	946	321	1,775	4,009
Kentucky	5,002	255	133	83	4,531
Louisiana	5,607	230	301	1,593	3,483
Mississippi	6,876	463	292	1,322	4,799
Oklahoma	2,478	99	140	436	1,803
Tennessee	5,372	229	386	454	4,304
Texas	5,078	244	79	1,613	3,142
Total	46,344	2,714	1,877	9,217	32,536
South Total:	80,660	4,676	3,621	15,793	56,570

(Continued)

Table 8– (continued).

Region, Subregion, and State	All ownerships	Ownership group			
		National Forest	Other public	Forest industry	Non-industrial private
		Thousand hectares			
Rocky Mountains:					
Great Plains:					
Kansas	489	0	19	1	469
Nebraska	217	12	11	0	195
North Dakota	137	0	14	0	123
South Dakota [a]	586	381	37	8	170
Total	1,428	382	80	10	956
Intermountain:					
Arizona [a]	1,606	1,072	23	0	511
Colorado [a]	4,751	2,858	567	0	1,326
Idaho [a]	5,858	3,928	617	501	812
Montana [a]	6,420	3,359	650	655	1,756
Nevada	91	41	4	0	45
New Mexico	2,193	1,344	57	0	792
Utah [a]	1,246	853	151	0	242
Wyoming [a]	1,753	895	274	15	569
Total	23,917	14,350	2,343	1,171	6,054
Rocky Mountains Total:	25,346	14,732	2,423	1,181	7,010
Pacific Coast:					
Alaska:					
Alaska	6,098	1,530	2,065	0	2,503
Total	6,098	1,530	2,065	0	2,503
Pacific Northwest:					
Oregon	8,747	4,108	1,155	1,994	1,491
Washington	6,572	1,966	982	1,663	1,960
Total	15,318	6,075	2,137	3,656	3,451
Pacific Southwest:					
California	6,556	3,387	168	1,327	1,673
Hawaii [a]	283	0	137	0	147
Total	6,839	3,387	305	1,327	1,820
Pacific Coast Total:	28,256	10,992	4,507	4,983	7,774
United States:	198,123	34,262	18,953	28,513	116,394

[a] *Some of the 1992 data have not been updated. See Appendix A of this report for more detail.*

Note: Data may not add to totals because of rounding.

Table 9–Timberland area in the Eastern United States by forest type group, subregion, and stand size class, 1992

Subregion and stand size class	All forest types	Forest type group											
		White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
		Thousand hectares											
Northeast:													
Nonstocked	154	0	0	0	0	0	0	0	0	0	0	0	154
Seedling-sapling	3,934	202	470	0	134	99	990	17	253	1,408	361	0	0
Poletimber	10,247	571	1,507	0	220	270	3,105	42	347	3,448	737	0	0
Sawtimber	17,818	2,229	2,069	0	263	522	5,577	73	393	6,509	183	0	0
Total	32,153	3,002	4,047	0	617	890	9,673	132	992	11,365	1,281	0	154
North Central:													
Nonstocked	349	0	0	0	0	0	0	0	0	0	0	0	349
Seedling-sapling	8,236	399	1,174	0	86	115	1,834	17	737	1,732	2,141	0	0
Poletimber	8,921	517	1,142	0	96	147	2,619	29	806	1,704	1,861	0	0
Sawtimber	14,202	731	814	0	136	184	5,675	109	1,493	3,779	1,281	0	0
Total	31,708	1,648	3,130	0	318	446	10,128	155	3,036	7,215	5,283	0	349
Southeast:													
Nonstocked	1,237	0	0	0	0	0	0	0	0	0	0	0	1,237
Seedling-sapling	9,045	23	2	1,563	2,844	1,401	2,207	951	51	4	0	0	0
Poletimber	9,407	33	2	1,505	2,536	960	3,018	1,232	104	17	0	0	0
Sawtimber	14,626	147	2	1,369	3,255	1,657	5,168	2,646	291	92	0	0	0
Total	34,316	203	5	4,437	8,635	4,017	10,394	4,829	446	113	0	0	1,237
South Central:													
Nonstocked	78	0	0	0	0	0	0	0	0	0	0	0	78
Seedling-sapling	12,702	10	0	363	3,008	2,684	5,668	813	106	49	0	0	0
Poletimber	12,183	3	0	339	2,431	1,831	6,047	1,290	150	92	0	0	0
Sawtimber	21,382	31	0	580	4,952	3,036	8,052	4,188	358	187	0	0	0
Total	46,344	44	0	1,281	10,391	7,551	19,768	6,291	614	328	0	0	78
Great Plains:													
Nonstocked	42	0	0	0	0	0	0	0	0	0	0	0	42
Seedling-sapling	272	52	0	0	0	12	47	0	106	35	20	0	0
Poletimber	306	105	1	0	0	6	74	0	70	8	44	0	0
Sawtimber	807	416	6	0	0	11	84	0	268	15	4	4	0
Total	1,428	573	7	0	0	28	204	0	445	58	68	4	42
Eastern Total:													
Nonstocked	1,861	0	0	0	0	0	0	0	0	0	0	0	1,861
Seedling-sapling	34,189	686	1,646	1,926	6,072	4,310	10,746	1,799	1,253	3,227	2,522	0	0
Poletimber	41,064	1,229	2,652	1,844	5,284	3,213	14,863	2,592	1,477	5,268	2,641	0	0
Sawtimber	68,836	3,554	2,891	1,949	8,606	5,410	24,556	7,015	2,802	10,582	1,468	4	0
Total	145,950	5,470	7,189	5,718	19,961	12,932	50,166	11,407	5,533	19,077	6,631	4	1,861

Note: Data may not add to totals because of rounding.

Table 9–Timberland area in the Eastern United States by forest type group, subregion, and stand size class, 1992

Subregion and stand size class	All forest types	Forest type group											
		White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
		Thousand hectares											
Northeast:													
Nonstocked	154	0	0	0	0	0	0	0	0	0	0	0	154
Seedling-sapling	3,934	202	470	0	134	99	990	17	253	1,408	361	0	0
Poletimber	10,247	571	1,507	0	220	270	3,105	42	347	3,448	737	0	0
Sawtimber	17,818	2,229	2,069	0	263	522	5,577	73	393	6,509	183	0	0
Total	32,153	3,002	4,047	0	617	890	9,673	132	992	11,365	1,281	0	154
North Central:													
Nonstocked	349	0	0	0	0	0	0	0	0	0	0	0	349
Seedling-sapling	8,236	399	1,174	0	86	115	1,834	17	737	1,732	2,141	0	0
Poletimber	8,921	517	1,142	0	96	147	2,619	29	806	1,704	1,861	0	0
Sawtimber	14,202	731	814	0	136	184	5,675	109	1,493	3,779	1,281	0	0
Total	31,708	1,648	3,130	0	318	446	10,128	155	3,036	7,215	5,283	0	349
Southeast:													
Nonstocked	1,237	0	0	0	0	0	0	0	0	0	0	0	1,237
Seedling-sapling	9,045	23	2	1,563	2,844	1,401	2,207	951	51	4	0	0	0
Poletimber	9,407	33	2	1,505	2,536	960	3,018	1,232	104	17	0	0	0
Sawtimber	14,626	147	2	1,369	3,255	1,657	5,168	2,646	291	92	0	0	0
Total	34,316	203	5	4,437	8,635	4,017	10,394	4,829	446	113	0	0	1,237
South Central:													
Nonstocked	78	0	0	0	0	0	0	0	0	0	0	0	78
Seedling-sapling	12,702	10	0	363	3,008	2,684	5,668	813	106	49	0	0	0
Poletimber	12,183	3	0	339	2,431	1,831	6,047	1,290	150	92	0	0	0
Sawtimber	21,382	31	0	580	4,952	3,036	8,052	4,188	358	187	0	0	0
Total	46,344	44	0	1,281	10,391	7,551	19,768	6,291	614	328	0	0	78
Great Plains:													
Nonstocked	42	0	0	0	0	0	0	0	0	0	0	0	42
Seedling-sapling	272	52	0	0	0	12	47	0	106	35	20	0	0
Poletimber	306	105	1	0	0	6	74	0	70	8	44	0	0
Sawtimber	807	416	6	0	0	11	84	0	268	15	4	4	0
Total	1,428	573	7	0	0	28	204	0	445	58	68	4	42
Eastern Total:													
Nonstocked	1,861	0	0	0	0	0	0	0	0	0	0	0	1,861
Seedling-sapling	34,189	686	1,646	1,926	6,072	4,310	10,746	1,799	1,253	3,227	2,522	0	0
Poletimber	41,064	1,229	2,652	1,844	5,284	3,213	14,863	2,592	1,477	5,268	2,641	0	0
Sawtimber	68,836	3,554	2,891	1,949	8,606	5,410	24,556	7,015	2,802	10,582	1,468	4	0
Total	145,950	5,470	7,189	5,718	19,961	12,932	50,166	11,407	5,533	19,077	6,631	4	1,861

Note: Data may not add to totals because of rounding.

Table 10--Timberland area in the Western United States by forest type group, subregion, and stand size class, 1992

Subregion and stand size class	All forest types	Forest type group												
		Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other softwoods	Western hardwoods	Pinyon-juniper	Chaparral	Non-stocked
						Thousand hectares								
Intermountain:														
Nonstocked	650	0	0	0	0	0	0	0	0	0	0	0	0	650
Seedling-sapling	2,226	486	367	11	509	81	115	312	0	46	299	0	0	0
Poletimber	3,502	514	474	6	432	44	52	1,002	0	58	920	0	0	0
Sawtimber	17,539	4,592	4,920	61	3,590	512	538	2,371	0	168	788	0	0	0
Total	23,917	5,592	5,762	77	4,531	637	705	3,685	0	272	2,007	0	0	650
Alaska:														
Nonstocked	64	0	0	0	0	0	0	0	0	0	0	0	0	64
Seedling-sapling	1,020	0	0	0	343	129	0	0	0	32	516	0	0	0
Poletimber	1,267	0	0	0	377	61	0	0	0	28	802	0	0	0
Sawtimber	3,747	0	0	0	1,565	1,741	0	0	0	1	440	0	0	0
Total	6,098	0	0	0	2,285	1,930	0	0	0	60	1,759	0	0	64
Pacific Northwest:														
Nonstocked	264	0	0	0	0	0	0	0	0	0	0	0	0	264
Seedling-sapling	2,963	1,857	327	4	261	81	12	115	0	4	299	3	0	0
Poletimber	2,412	1,124	318	0	232	136	18	119	0	17	448	0	0	0
Sawtimber	9,679	4,784	1,777	0	1,218	562	112	494	2	8	720	0	0	0
Total	15,318	7,765	2,423	4	1,711	779	142	728	2	30	1,467	3	0	264
Pacific Southwest:														
Nonstocked	242	0	0	0	0	0	0	0	0	50	7	0	0	185
Seedling-sapling	645	134	138	0	184	2	0	0	25	14	148	0	0	0
Poletimber	638	8	179	0	129	0	0	0	16	9	296	0	0	0
Sawtimber	5,315	477	1,718	1	2,065	6	0	81	422	36	510	0	0	0
Total	6,839	620	2,035	1	2,378	8	0	81	462	108	961	0	0	185
Western total:														
Nonstocked	1,219	0	0	0	0	0	0	0	0	50	7	0	0	1,163
Seedling-sapling	6,855	2,478	832	15	1,296	294	127	427	25	96	1,263	3	0	0
Poletimber	7,818	1,646	971	6	1,170	241	69	1,121	16	112	2,466	0	0	0
Sawtimber	36,280	9,852	8,416	62	8,439	2,820	650	2,945	424	213	2,458	0	0	0
Total	52,173	13,976	10,219	82	10,905	3,355	846	4,493	465	471	6,194	3	0	1,163

Note: Data may not add to totals because of rounding.

Table 11--Net volume of timber on timberland in the United States by class of timber, species group, region, subregion, and State, 1992

Region, Subregion, and State	All timber			Growing stock			Live cull			Sound dead		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
	Million cubic meters											
North:												
Northeast:												
Connecticut	89	13	75	83	13	70	3	0	3	3	0	3
Delaware	22	6	16	19	5	14	1	0	1	2	1	1
Maine	780	491	290	687	443	243	79	35	43	15	12	3
Maryland	138	24	114	130	24	107	6	0	6	1	0	1
Massachusetts	164	56	107	147	52	95	10	2	8	7	2	4
New Hampshire	264	113	151	234	101	133	23	7	16	7	4	2
New Jersey	69	15	54	66	14	51	2	0	2	1	0	1
New York	638	141	497	588	132	456	49	9	41	0	0	0
Pennsylvania	772	68	705	736	65	670	27	1	26	9	1	8
Rhode Island	14	2	12	12	1	11	1	0	1	1	0	1
Vermont	232	75	157	193	64	129	35	9	26	4	2	2
West Virginia	576	35	540	551	35	516	23	0	22	2	0	2
Total	3,756	1,038	2,718	3,447	950	2,497	258	65	193	51	23	28
North Central:												
Illinois	165	3	162	145	3	142	17	0	17	3	0	3
Indiana	182	6	176	154	6	148	27	0	27	1	0	1
Iowa	73	1	72	47	1	47	25	1	24	1	0	1
Michigan	680	206	474	627	193	434	45	11	35	8	2	6
Minnesota	491	140	350	429	132	297	55	7	48	7	2	6
Missouri	394	27	368	255	24	230	138	2	136	2	0	2
Ohio	308	13	295	289	13	276	19	0	19	0	0	0
Wisconsin	545	130	416	470	121	349	61	6	55	14	3	11
Total	2,840	527	2,313	2,415	492	1,922	387	27	360	38	7	31
North Total:	6,596	1,565	5,030	5,861	1,443	4,419	646	93	553	89	30	59
South:												
Southeast:												
Florida [a]	476	268	208	424	263	160	51	4	48	1	1	0
Georgia	925	446	480	870	441	428	53	2	51	3	2	1
North Carolina	983	357	625	927	355	572	55	2	53	1	1	1
South Carolina	513	225	287	467	221	246	43	3	40	3	2	1
Virginia	804	193	610	734	190	544	67	3	65	2	1	1
Total	3,701	1,490	2,211	3,421	1,470	1,951	269	14	256	10	6	4

(Continued)

Table 11– (continued).

Region, Subregion, and State	All timber			Growing stock			Live cull			Sound dead		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
	Million cubic meters											
South Central:												
Alabama	702	321	381	653	314	339	47	5	42	2	1	1
Arkansas	603	231	372	551	225	325	50	5	45	3	1	2
Kentucky	474	36	438	453	35	418	18	1	17	4	0	3
Louisiana	591	289	302	536	283	254	54	6	48	1	0	1
Mississippi	648	269	380	562	256	306	81	9	72	6	4	2
Oklahoma	115	30	85	81	28	53	34	1	32	1	0	0
Tennessee	521	86	436	472	82	390	46	3	44	4	1	3
Texas	424	228	196	364	220	144	55	5	50	5	3	1
Total	4,079	1,489	2,590	3,671	1,443	2,228	384	34	350	24	11	12
South Total:	7,780	2,978	4,801	7,092	2,913	4,179	654	48	606	34	18	17
Rocky Mountains:												
Great Plains:												
Kansas	40	0	40	32	0	32	8	0	8	0	0	0
Nebraska	17	6	11	14	6	9	3	1	2	0	0	0
North Dakota	9	0	9	6	0	6	3	0	3	0	0	0
South Dakota [a]	55	51	4	51	49	2	2	0	2	2	2	0
Total	122	58	64	103	55	49	16	1	15	2	2	0
Intermountain:												
Arizona	226	200	26	199	181	18	23	15	8	4	4	1
Colorado [a]	651	515	136	550	459	91	35	18	17	66	38	28
Idaho	1,016	995	21	934	915	19	28	27	1	55	53	1
Montana	912	897	15	798	784	14	48	47	1	66	66	0
Nevada	14	13	1	13	12	1	0	0	0	0	0	0
New Mexico	214	184	29	192	170	22	16	10	7	6	5	1
Utah [a]	143	116	27	136	111	25	3	2	1	5	4	1
Wyoming [a]	220	203	17	195	185	10	7	5	2	18	13	5
Total	3,396	3,124	272	3,016	2,817	199	160	125	36	220	182	37
Rocky Mountains Total:	3,518	3,182	336	3,120	2,872	248	177	126	51	222	184	38

(Continued)

Table 11– (continued).

Region, Subregion, and State	All timber			Growing stock			Live cull			Sound dead		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
					Million cubic meters							
Pacific Coast:												
Alaska:												
Alaska	1,066	936	130	1,001	881	120	24	15	9	40	40	0
Total	1,066	936	130	1,001	881	120	24	15	9	40	40	0
Pacific Northwest:												
Oregon[b]	1,996	1,834	162	1,931	1,782	149	26	13	13	39	38	0
Washington[b]	1,629	1,450	179	1,597	1,422	174	10	6	4	22	22	0
Total	3,624	3,284	340	3,527	3,204	323	36	19	17	60	60	0
Pacific Southwest:												
California	1,676	1,446	230	1,623	1,419	205	38	14	24	14	13	1
Hawaii [a]	9	0	9	8	0	8	1	0	1	0	0	0
Total	1,685	1,446	239	1,631	1,419	213	40	14	25	15	13	2
Pacific Coast Total:	6,375	5,666	709	6,160	5,504	655	100	48	52	115	113	2
United States:	24,269	13,392	10,877	22,233	12,732	9,501	1,576	315	1,261	460	345	115

[a] *Some of the 1992 data have not been updated since 1987. See Appendix A of this report for more detail.*
[b] *Estimates of hardwood volume are not available for most National Forests in Oregon and Washington.*

Note: Data may not add to totals because of rounding.

Table 12--Net volume of softwood growing stock on timberland in the United States by ownership group, region, subregion, and State, for 1992, 1987, 1977, 1962, and 1952

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters														
North:															
Northeast:															
Connecticut	13	12	12	6	4	0	0	0	0	0	2	2	1	1	0
Delaware	5	5	5	7	7	0	0	0	0	0	0	0	0	0	0
Maine	443	411	454	356	286	1	1	1	1	0	14	15	7	4	3
Maryland	24	23	22	22	20	0	0	0	0	0	2	2	2	1	1
Massachusetts	52	48	41	28	18	0	0	0	0	0	7	8	7	3	2
New Hampshire	101	96	100	72	62	10	10	8	8	7	5	6	2	2	2
New Jersey	14	16	7	8	7	0	0	0	0	0	6	7	2	1	1
New York	132	140	100	86	78	0	0	0	0	0	14	18	13	11	10
Pennsylvania	65	56	50	41	35	2	2	2	1	1	10	7	6	5	4
Rhode Island	1	2	3	1	0	0	0	0	0	0	0	1	0	0	0
Vermont	64	57	52	39	35	1	1	1	1	1	2	4	3	1	1
West Virginia	35	30	31	17	14	7	5	7	4	3	2	1	1	1	1
Total	950	895	877	680	567	20	19	18	15	13	65	71	44	30	25
North Central:															
Illinois	3	3	2	1	0	1	1	1	0	0	1	1	0	0	0
Indiana	6	6	2	1	1	1	1	0	0	0	1	0	1	0	0
Iowa	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan	193	186	147	103	67	36	38	27	17	8	52	49	37	24	15
Minnesota	132	116	98	96	76	28	26	25	26	22	59	53	44	44	32
Missouri	24	17	11	9	7	9	8	5	5	4	2	1	0	0	0
Ohio	13	9	8	3	3	1	1	0	0	0	1	1	1	0	0
Wisconsin	121	116	95	60	44	16	18	13	8	4	25	32	22	14	14
Total	492	453	364	272	199	91	93	72	56	38	140	137	106	83	61
North Total:	1,443	1,348	1,241	953	766	111	112	90	71	51	205	208	150	113	86
South:															
Southeast:															
Florida	*	263	248	189	152	*	25	26	19	16	*	33	21	11	9
Georgia	441	449	456	354	304	13	11	13	11	10	28	27	24	23	19
North Carolina	355	348	326	273	257	15	15	14	10	10	21	16	11	10	8
South Carolina	221	250	246	172	136	17	21	21	17	16	16	17	13	9	3
Virginia	190	179	168	149	156	10	9	9	6	7	9	10	8	6	7
Total	1,470	1,489	1,444	1,137	1,006	80	81	83	63	59	107	103	78	59	45

(Continued)

Table 12-- (continued).

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters														
South Central:															
Alabama	314	321	325	246	166	16	19	16	12	8	8	6	6	5	3
Arkansas	225	243	226	164	131	49	47	43	33	25	6	6	4	2	1
Kentucky	35	31	26	16	14	5	5	4	5	4	1	0	0	2	2
Louisiana	283	299	264	180	120	20	22	20	14	8	10	8	6	3	2
Mississippi	256	276	253	149	104	34	42	35	31	16	14	8	11	6	10
Oklahoma	28	28	29	20	15	5	5	4	3	2	2	2	1	0	0
Tennessee	82	77	62	42	35	9	10	8	8	6	9	7	5	3	3
Texas	220	225	236	172	119	33	34	30	33	19	4	4	4	2	1
Total	1,443	1,500	1,421	988	705	170	183	160	138	88	53	41	38	23	22
South Total:	2,913	2,989	2,864	2,125	1,711	250	264	244	201	147	160	144	116	82	67
Rocky Mountains:															
Great Plains:															
Kansas	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0
Nebraska	6	5	4	3	2	*	1	1	1	1	1	0	0	0	0
North Dakota	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0
South Dakota	*	49	47	39	35	*	36	38	32	30	3	3	3	2	1
Total	55	54	51	42	37	37	37	39	33	30	3	4	3	2	2
Intermountain:															
Arizona	181	169	135	133	130	130	118	91	87	82	1	50	41	43	45
Colorado	*	459	357	333	309	*	334	268	250	232	38	39	20	19	17
Idaho	915	908	896	856	812	*	663	611	572	535	95	98	92	88	85
Montana	784	781	784	843	774	*	526	512	555	494	66	70	72	71	66
Nevada	12	11	7	7	7	7	6	2	2	2	*	0	0	0	0
New Mexico	170	159	164	162	156	116	106	81	80	73	4	19	38	38	38
Utah	*	111	101	105	103	*	86	79	83	79	9	10	12	12	13
Wyoming	*	185	197	157	149	*	129	158	120	115	20	25	16	15	14
Total	2,817	2,784	2,641	2,597	2,441	1,991	1,968	1,803	1,749	1,612	233	310	292	285	279
Rocky Mountains Total:	2,872	2,838	2,692	2,638	2,478	2,028	2,005	1,842	1,782	1,642	236	314	295	287	281

(Continued)

Table 12-- (continued).

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters														
Pacific Coast:															
Alaska:															
Alaska	881	1,049	1,366	1,399	1,391	530	681	1,002	1,082	1,099	163	166	345	309	285
Total	881	1,049	1,366	1,399	1,391	530	681	1,002	1,082	1,099	163	166	345	309	285
Pacific Northwest:															
Oregon	1,782	1,726	2,115	2,361	2,479	922	921	1,271	1,361	1,287	348	362	360	375	432
Washington	1,422	1,557	1,636	1,742	1,754	*	520	646	718	722	275	390	374	370	357
Total	3,204	3,283	3,751	4,103	4,233	1,442	1,442	1,917	2,079	2,009	624	753	733	745	789
Pacific Southwest:															
California	1,419	1,310	1,301	1,510	1,642	890	770	794	832	837	27	35	31	41	54
Hawaii	*	0	0	0	0	*	0	0	0	0	*	0	0	0	0
Total	1,419	1,311	1,301	1,510	1,642	890	770	794	832	837	27	35	31	41	54
Pacific Coast Total:	5,504	5,643	6,418	7,012	7,266	2,862	2,893	3,714	3,993	3,946	814	955	1,110	1,095	1,128
United States:	12,732	12,817	13,215	12,728	12,220	5,252	5,273	5,889	6,048	5,786	1,415	1,620	1,671	1,577	1,562

(Continued)

Table 12-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
North:										
Northeast:										
Connecticut	0	0	0	0	0	10	10	11	5	4
Delaware	1	1	1	0	0	4	4	4	6	6
Maine	235	222	258	148	119	194	173	188	203	163
Maryland	2	2	3	2	2	19	18	18	19	18
Massachusetts	2	2	1	2	1	43	38	33	22	14
New Hampshire	13	12	23	12	10	73	68	68	49	43
New Jersey	0	0	0	0	0	8	9	5	7	6
New York	10	11	11	9	8	108	110	76	66	60
Pennsylvania	2	3	2	2	1	51	45	41	33	28
Rhode Island	0	0	0	0	0	1	1	3	1	0
Vermont	5	4	6	6	5	56	48	42	31	28
West Virginia	2	4	3	1	1	24	21	21	11	9
Total	272	260	306	182	148	593	545	509	454	380
North Central:										
Illinois	0	0	0	0	0	1	1	1	0	0
Indiana	0	0	0	0	0	5	5	1	1	0
Iowa	0	0	0	0	0	1	0	0	0	0
Michigan	26	25	23	18	16	79	73	60	44	28
Minnesota	9	10	7	8	7	37	27	22	18	16
Missouri	1	1	1	0	0	13	8	5	4	3
Ohio	0	0	0	0	0	11	8	6	2	2
Wisconsin	11	12	17	11	3	68	54	42	27	23
Total	47	47	48	37	26	214	177	139	96	74
North Total:	319	307	354	219	174	807	721	647	549	454
South:										
Southeast:										
Florida	*	76	79	61	48	*	130	122	99	80
Georgia	95	97	80	67	57	305	314	338	253	218
North Carolina	53	47	33	38	44	265	270	268	215	196
South Carolina	45	50	40	33	20	143	162	172	113	96
Virginia	34	33	27	23	24	136	127	124	114	119
Total	304	303	259	221	193	979	1,002	1,023	793	710

(Continued)

Table 12-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
South Central:										
Alabama	85	79	82	68	46	206	216	221	161	109
Arkansas	77	90	88	90	67	93	99	90	40	38
Kentucky	0	0	0	0	0	29	26	21	9	8
Louisiana	82	79	77	80	55	171	190	161	82	55
Mississippi	49	52	49	41	41	159	175	158	70	37
Oklahoma	10	10	15	13	10	12	12	9	4	3
Tennessee	9	8	7	3	2	56	52	43	28	24
Texas	66	64	91	75	53	117	123	111	62	45
Total	377	382	408	370	276	843	893	814	456	319
South Total:	681	686	667	591	468	1,822	1,895	1,837	1,250	1,029
Rocky Mountains:										
Great Plains:										
Kansas	0	0	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	4	4	3	2	1
North Dakota	0	0	0	0	0	0	0	0	0	0
South Dakota	*	0	1	0	0	10	9	5	4	4
Total	0	0	1	0	0	14	13	8	7	5
Intermountain:										
Arizona	*	0	0	0	0	50	1	3	3	3
Colorado	*	0	1	1	1	87	86	68	64	59
Idaho	73	65	82	95	97	83	81	110	102	95
Montana	61	84	59	81	88	131	102	140	136	127
Nevada	*	0	0	0	0	*	5	4	4	4
New Mexico	0	0	0	3	3	50	34	45	41	42
Utah	*	0	0	0	0	16	15	10	10	11
Wyoming	*	1	2	2	1	35	31	21	20	18
Total	136	151	145	182	191	457	356	401	380	359
Rocky Mountains Total:	136	151	145	182	191	472	369	410	387	364

(Continued)

Table 12-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
Pacific Coast:										
Alaska:										
Alaska	0	0	0	0	0	188	201	19	8	6
Total	0	0	0	0	0	188	201	19	8	6
Pacific Northwest:										
Oregon	289	283	343	438	539	222	159	142	188	220
Washington	326	408	388	450	499	300	239	228	204	177
Total	616	691	731	888	1,039	523	398	370	392	396
Pacific Southwest:										
California	256	224	211	273	319	246	281	264	365	432
Hawaii	*	0	0	0	0	*	0	0	0	0
Total	256	224	211	273	319	246	281	264	365	432
Pacific Coast Total:	872	915	942	1,161	1,357	956	880	653	765	834
United States:	2,008	2,059	2,108	2,153	2,191	4,057	3,866	3,547	2,951	2,681

[a] *Indian lands are included in the Nonindustrial Private owner group for 1992 only. For 1987 and earlier years, these Indian lands may be included in the Other Public owner group for some States.*

Note: Data may not add to totals because of rounding.

Note: An "" indicates that the 1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Table 13--Net volume of hardwood growing stock on timberland in the United States by ownership group, region, subregion, and State, for 1992, 1987, 1977, 1962, and 1952

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters														
North:															
Northeast:															
Connecticut	70	65	63	44	32	0	0	0	0	0	10	10	5	5	3
Delaware	14	13	13	9	6	0	0	0	0	0	1	0	1	0	0
Maine	243	225	185	171	152	1	1	1	1	1	7	7	2	2	1
Maryland	107	104	76	67	58	0	0	0	0	0	12	12	7	5	4
Massachusetts	95	86	69	44	35	0	0	0	0	0	15	14	9	6	5
New Hampshire	133	127	106	75	50	21	21	18	21	14	5	6	4	2	1
New Jersey	51	38	36	31	26	0	0	0	0	0	11	9	5	2	1
New York	456	429	275	244	220	0	0	0	0	0	30	35	18	16	15
Pennsylvania	670	644	612	442	332	33	34	34	17	13	140	131	118	85	64
Rhode Island	11	10	9	6	4	0	0	0	0	0	1	2	0	0	0
Vermont	129	120	90	66	63	8	9	4	4	4	9	14	4	3	3
West Virginia	516	418	370	297	244	42	51	49	31	25	22	15	8	12	10
Total	2,497	2,279	1,905	1,495	1,222	105	115	106	73	56	264	258	183	137	108
North Central:															
Illinois	142	133	118	96	68	5	7	6	3	2	8	7	5	2	1
Indiana	148	142	104	95	81	7	6	4	4	1	13	14	7	6	5
Iowa	47	35	29	38	38	0	0	0	0	0	5	4	3	1	1
Michigan	434	408	371	302	215	45	48	39	29	16	74	73	71	62	40
Minnesota	297	273	226	171	120	32	30	28	23	16	102	100	82	66	41
Missouri	230	208	159	155	154	24	25	19	18	16	13	7	4	3	3
Ohio	276	205	173	106	89	9	6	5	2	2	14	9	9	6	5
Wisconsin	349	348	286	219	181	26	33	25	19	16	60	70	54	41	34
Total	1,922	1,752	1,467	1,183	948	148	155	127	99	70	288	286	236	187	130
North Total:	4,419	4,030	3,372	2,678	2,170	253	270	233	172	126	553	544	419	324	237
South:															
Southeast:															
Florida	*	160	133	113	100	*	6	5	4	3	*	21	7	3	2
Georgia	428	422	377	288	243	26	25	24	20	17	19	17	13	8	7
North Carolina	572	560	501	383	349	54	55	41	33	26	22	16	11	9	6
South Carolina	246	252	229	176	153	10	12	11	7	6	9	10	8	5	2
Virginia	544	535	478	370	331	61	59	51	30	27	23	22	18	8	7
Total	1,951	1,929	1,718	1,330	1,175	157	156	132	94	79	95	85	56	33	24

(Continued)

Table 13-- (continued).

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
								Million cubic meters							
South Central:															
Alabama	339	297	269	220	183	11	9	7	6	4	13	9	6	4	2
Arkansas	325	302	256	262	268	47	43	35	28	19	27	18	13	16	10
Kentucky	418	382	313	237	166	25	23	18	13	9	12	11	10	7	5
Louisiana	254	239	221	235	191	9	8	6	4	3	19	17	9	4	3
Mississippi	306	285	235	178	180	20	19	14	11	4	20	10	10	5	6
Oklahoma	53	35	30	23	24	2	2	2	2	1	4	4	3	1	1
Tennessee	390	328	277	221	199	20	18	14	11	8	31	20	14	11	11
Texas	144	139	139	95	104	6	5	4	4	3	4	3	3	1	1
Total	2,228	2,006	1,740	1,471	1,315	140	127	101	79	51	129	94	68	50	39
South Total:	4,179	3,934	3,457	2,801	2,491	298	283	234	173	129	224	179	124	82	63
Rocky Mountains:															
Great Plains:															
Kansas	32	24	17	14	13	*	0	0	0	0	2	1	1	1	0
Nebraska	9	9	9	8	8	*	0	0	0	0	0	0	0	0	0
North Dakota	6	7	7	7	7	*	0	0	0	0	1	1	2	2	2
South Dakota	*	2	4	2	2	*	0	0	0	0	*	0	1	0	0
Total	49	42	36	31	31	0	0	0	0	0	3	3	4	3	3
Intermountain:															
Arizona	18	10	6	6	5	13	4	4	4	3	*	5	1	1	1
Colorado	*	91	68	57	51	*	53	46	37	32	8	9	4	4	4
Idaho	19	14	6	7	6	*	4	2	2	2	3	4	1	1	1
Montana	14	11	8	8	7	*	1	1	1	1	1	1	2	2	2
Nevada	1	1	0	0	0	1	1	0	0	0	*	0	0	0	0
New Mexico	22	14	17	15	13	17	9	7	6	5	0	1	1	1	1
Utah	*	25	25	28	25	*	16	13	17	15	*	2	4	4	3
Wyoming	*	10	7	6	5	*	2	2	2	2	*	2	2	2	1
Total	199	176	138	127	113	107	91	75	69	61	17	24	15	14	13
Rocky Mountains Total:	248	217	174	158	144	107	91	76	70	61	19	28	19	18	16

(Continued)

Table 13-- (continued).

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters														
Pacific Coast:															
Alaska:															
Alaska	120	119	119	119	119	5	4	7	7	7	50	50	109	109	110
Total	120	119	119	119	119	5	4	7	7	7	50	50	109	109	110
Pacific Northwest:															
Oregon [b]	149	140	136	146	119	0	0	25	25	20	36	32	34	23	18
Washington [b]	174	187	161	116	81	*	0	4	4	3	37	37	32	21	14
Total	323	327	298	262	200	0	0	29	29	24	73	69	66	45	32
Pacific Southwest:															
California	205	211	105	84	80	62	62	32	36	36	12	16	8	5	6
Hawaii	*	8	6	6	6	*	0	0	0	0	*	3	3	3	3
Total	213	219	110	90	86	62	62	32	36	36	15	19	11	8	9
Pacific Coast Total:	655	665	527	471	405	68	66	68	72	67	137	138	186	162	152
United States:	9,501	8,847	7,531	6,108	5,210	726	710	610	487	384	933	888	749	586	467

(Continued)

Table 13– (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
North:										
Northeast:										
Connecticut	0	0	0	0	0	59	55	58	39	29
Delaware	0	0	0	1	0	13	13	12	8	6
Maine	111	105	94	70	63	124	112	88	98	88
Maryland	3	3	3	2	1	91	89	66	60	53
Massachusetts	2	3	1	3	3	78	69	59	35	28
New Hampshire	19	18	18	10	7	88	82	67	43	28
New Jersey	0	0	1	0	0	41	29	30	30	25
New York	33	35	26	23	20	393	358	232	205	185
Pennsylvania	33	35	27	19	14	464	444	434	320	240
Rhode Island	0	0	0	0	0	9	8	8	6	4
Vermont	13	10	15	11	11	99	86	66	47	45
West Virginia	42	41	32	17	14	411	311	280	237	195
Total	257	250	216	157	134	1,870	1,656	1,400	1,128	925
North Central:										
Illinois	0	0	0	0	0	128	119	108	91	64
Indiana	1	1	1	1	1	128	121	92	84	74
Iowa	0	0	0	0	0	42	31	26	36	38
Michigan	53	49	47	40	33	262	238	213	171	126
Minnesota	10	12	10	8	6	152	131	105	75	58
Missouri	4	5	4	3	3	190	169	132	132	132
Ohio	8	3	5	3	2	244	187	154	95	79
Wisconsin	26	26	28	21	12	237	219	180	137	120
Total	102	97	96	76	58	1,383	1,214	1,008	821	690
North Total:	360	347	312	233	192	3,254	2,869	2,408	1,949	1,615
South:										
Southeast:										
Florida	*	42	43	34	30	*	91	78	72	65
Georgia	55	68	59	40	33	328	313	281	220	186
North Carolina	41	44	40	39	50	456	445	409	302	267
South Carolina	42	44	40	33	18	184	187	170	130	127
Virginia	31	34	32	30	27	429	420	377	303	270
Total	210	231	213	176	158	1,488	1,457	1,315	1,027	915

(Continued)

Table 13-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
South Central:										
Alabama	54	49	47	35	25	261	229	209	175	152
Arkansas	57	66	57	62	38	194	174	150	156	201
Kentucky	7	7	7	7	5	374	342	278	210	147
Louisiana	51	47	52	41	30	175	166	154	186	155
Mississippi	37	38	40	28	19	230	218	171	134	152
Oklahoma	4	4	6	4	4	42	24	19	17	18
Tennessee	26	28	25	15	12	313	262	224	184	169
Texas	34	32	40	28	27	101	98	93	62	73
Total	270	272	273	219	160	1,689	1,513	1,297	1,123	1,066
South Total:	480	502	487	395	318	3,177	2,970	2,612	2,150	1,981
Rocky Mountains:										
Great Plains:										
Kansas	0	0	0	0	0	30	23	16	13	13
Nebraska	0	0	0	0	0	8	8	8	8	8
North Dakota	0	0	0	0	0	6	6	5	5	5
South Dakota	*	0	0	0	0	*	1	3	2	2
Total	0	0	0	0	0	46	38	32	28	28
Intermountain:										
Arizona	*	0	0	0	0	5	0	1	1	1
Colorado	*	0	0	0	0	30	29	18	16	15
Idaho	1	0	1	1	1	11	5	2	2	2
Montana	0	0	0	0	0	12	9	5	5	4
Nevada	*	0	0	0	0	*	0	0	0	0
New Mexico	0	0	0	0	0	5	4	9	8	7
Utah	*	0	0	0	0	*	7	8	7	7
Wyoming	*	0	0	0	0	*	5	3	2	2
Total	1	1	1	2	2	74	60	46	42	37
Rocky Mountains Total:	1	1	1	2	2	120	98	78	69	65

(Continued)

Table 13-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
Pacific Coast:										
Alaska:										
Alaska	0	0	0	0	0	65	65	3	2	1
Total	0	0	0	0	0	65	65	3	2	1
Pacific Northwest:										
Oregon [b]	43	43	37	34	27	70	65	40	63	55
Washington [b]	56	67	58	41	27	82	83	67	49	36
Total	98	110	95	76	54	151	147	108	112	90
Pacific Southwest:										
California	46	39	19	13	10	85	95	45	30	28
Hawaii	*	0	0	0	0	*	4	3	3	3
Total	46	39	19	13	10	89	99	48	33	32
Pacific Coast Total:	145	149	114	88	63	306	312	159	148	123
United States:	985	999	914	718	575	6,857	6,249	5,258	4,317	3,783

[a] *Indian lands are included in the Nonindustrial Private owner group for 1992 only. For 1987 and earlier years, these Indian lands may be included in the Other Public owner group for some States.*

[b] *Estimates of hardwood volume for 1987 and 1992 are not available for most National Forests in Oregon and Washington.*

Note: Data may not add to totals because of rounding.

Note: An "" indicates that the 1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Table 14--Net volume of softwood sawtimber on timberland in the United States by ownership group, region, subregion, and State, for 1992, 1987, 1977, 1962, and 1952

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters														
North:															
Northeast:															
Connecticut	5	5	5	1	1	0	0	0	0	0	1	1	0	0	0
Delaware	2	2	1	2	2	0	0	0	0	0	0	0	0	0	0
Maine	124	114	88	70	60	0	0	0	0	0	4	5	1	1	1
Maryland	8	8	6	6	5	0	0	0	0	0	1	1	0	0	0
Massachusetts	21	20	15	9	5	0	0	0	0	0	3	3	3	1	0
New Hampshire	35	33	30	21	19	3	3	2	2	2	2	3	1	1	1
New Jersey	4	4	2	2	1	0	0	0	0	0	1	2	1	0	0
New York	45	49	27	24	22	0	0	0	0	0	4	6	2	2	2
Pennsylvania	25	19	13	11	10	1	1	0	0	0	4	3	2	2	2
Rhode Island	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Vermont	20	18	15	10	11	0	0	0	0	0	1	1	1	0	0
West Virginia	13	10	10	5	5	3	2	3	1	1	1	0	0	0	0
Total	303	282	212	160	141	8	6	6	5	4	23	25	11	7	6
North Central:															
Illinois	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Indiana	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0
Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan	68	64	49	32	21	12	12	8	4	1	18	17	12	8	5
Minnesota	43	39	30	21	16	10	8	9	4	4	17	17	12	10	7
Missouri	10	7	4	3	2	4	4	2	2	1	1	0	0	0	0
Ohio	5	3	3	1	1	0	0	0	0	0	0	0	0	0	0
Wisconsin	45	40	32	19	16	7	7	4	2	1	9	12	7	4	6
Total	174	157	120	77	57	33	32	23	12	7	46	47	32	22	18
North Total:	477	440	332	237	198	41	38	29	17	12	69	72	43	30	24
South:															
Southeast:															
Florida	*	99	88	68	55	*	11	9	6	5	*	16	9	4	4
Georgia	186	186	176	134	118	7	5	7	5	5	15	15	12	11	9
North Carolina	153	148	134	109	102	8	8	7	4	4	10	7	5	4	3
South Carolina	102	119	98	67	54	9	12	10	7	5	8	8	5	3	2
Virginia	68	65	61	52	52	4	4	4	3	3	4	4	3	3	3
Total	608	617	556	430	381	40	40	36	26	22	52	50	33	25	20

(Continued)

Table 14-- (continued).

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters														
South Central:															
Alabama	149	138	150	113	74	9	10	9	6	4	4	3	3	2	1
Arkansas	118	124	104	76	60	27	23	18	14	12	4	4	2	1	1
Kentucky	10	9	7	5	6	2	1	2	1	1	0	0	0	0	0
Louisiana	157	158	134	93	68	13	14	12	8	4	6	4	3	2	1
Mississippi	139	134	123	70	48	22	26	22	18	10	9	4	6	3	4
Oklahoma	13	13	12	8	6	2	2	2	1	1	1	1	1	0	0
Tennessee	34	30	20	14	12	5	5	3	3	3	4	4	2	1	1
Texas	125	128	125	85	56	23	24	19	19	10	3	3	3	1	1
Total	745	734	676	463	330	103	105	87	70	45	31	23	20	9	9
South Total:	1,353	1,351	1,232	894	711	142	145	123	97	67	83	72	53	34	28
Rocky Mountains:															
Great Plains:															
Kansas	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0
Nebraska	3	3	2	1	1	*	0	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0
South Dakota	*	21	20	19	18	*	15	16	16	15	*	2	1	1	1
Total	24	24	22	20	19	16	16	17	16	15	2	2	1	1	1
Intermountain:															
Arizona	104	101	77	77	79	75	72	52	51	50	*1	29	23	25	27
Colorado	*	215	176	174	166	*	161	137	137	131	*	17	9	8	8
Idaho	485	486	484	486	479	*	354	332	326	311	51	56	50	50	52
Montana	323	319	335	384	367	*	207	209	243	223	30	33	32	33	32
Nevada	8	7	5	5	5	5	4	1	2	1	*	0	0	0	0
New Mexico	85	83	85	88	88	59	57	43	45	43	2	10	20	21	23
Utah	*	51	50	53	54	*	39	39	41	40	*	5	6	6	8
Wyoming	*	85	93	71	69	*	61	76	56	55	*	10	7	6	6
Total	1,356	1,346	1,304	1,338	1,308	960	954	891	901	855	113	159	148	151	156
Rocky Mountains Total:	1,380	1,370	1,326	1,358	1,326	976	970	908	917	871	115	161	149	151	156

(Continued)

Table 14-- (continued).

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters														
Pacific Coast:															
Alaska:															
Alaska	507	586	752	779	780	317	386	563	609	620	91	93	179	165	157
Total	507	586	752	779	780	317	386	563	609	620	91	93	179	165	157
Pacific Northwest:															
Oregon	1,337	1,266	1,441	1,688	1,846	723	722	880	956	930	287	268	253	277	321
Washington	996	1,081	1,090	1,201	1,257	*	407	466	520	532	187	255	236	245	246
Total	2,333	2,347	2,532	2,889	3,103	1,130	1,130	1,345	1,476	1,462	474	523	488	522	567
Pacific Southwest:															
California	1,073	1,006	889	1,041	1,176	712	636	550	598	616	19	25	22	28	38
Hawaii	*	0	0	0	0	*	0	0	0	0	*	0	0	0	0
Total	1,073	1,006	890	1,041	1,176	712	636	550	598	616	19	25	22	28	38
Pacific Coast Total:	3,913	3,939	4,173	4,710	5,058	2,158	2,152	2,459	2,683	2,698	584	642	689	715	761
United States:	7,122	7,101	7,063	7,198	7,292	3,318	3,305	3,518	3,713	3,648	851	947	934	931	970

(Continued)

Table 14-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
North:										
Northeast:										
Connecticut	0	0	0	0	0	4	4	4	1	1
Delaware	0	0	0	0	0	2	2	1	2	2
Maine	62	59	47	29	25	57	51	39	40	34
Maryland	1	1	1	0	0	7	6	5	5	4
Massachusetts	1	1	0	1	0	18	16	11	7	4
New Hampshire	3	3	5	4	3	26	24	23	14	13
New Jersey	0	0	0	0	0	2	3	1	2	1
New York	3	4	3	3	2	37	39	22	19	18
Pennsylvania	1	1	1	0	0	20	15	10	9	8
Rhode Island	0	0	0	0	0	0	0	1	0	0
Vermont	2	1	2	1	2	18	15	12	8	9
West Virginia	1	1	1	0	0	8	6	6	3	3
Total	73	71	59	39	34	199	181	136	109	97
North Central:										
Illinois	0	0	0	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	2	2	1	0	0
Iowa	0	0	0	0	0	0	0	0	0	0
Michigan	10	10	9	7	6	28	25	20	13	8
Minnesota	3	3	2	2	2	13	10	7	5	4
Missouri	0	0	0	0	0	5	3	2	1	1
Ohio	0	0	0	0	0	4	3	3	1	1
Wisconsin	5	4	7	4	1	25	17	14	9	8
Total	18	18	18	13	9	76	60	46	29	22
North Total:	91	88	78	52	43	275	241	182	139	119
South:										
Southeast:										
Florida	*	22	27	22	17	*	50	43	36	29
Georgia	31	33	29	25	22	133	133	128	92	82
North Carolina	17	15	13	17	17	118	118	110	84	78
South Carolina	17	19	15	12	10	68	79	67	43	37
Virginia	10	10	10	9	9	49	48	44	38	37
Total	97	100	94	85	76	419	428	393	293	263

(Continued)

Table 14-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
South Central:										
Alabama	36	34	41	34	22	99	92	98	71	47
Arkansas	39	50	46	46	40	49	47	37	15	8
Kentucky	0	0	0	0	0	8	7	6	3	4
Louisiana	40	41	41	38	32	98	99	77	45	30
Mississippi	22	23	22	18	23	87	80	73	31	11
Oklahoma	4	4	7	5	4	6	5	3	1	1
Tennessee	3	3	2	1	1	22	19	13	9	7
Texas	34	34	50	40	28	66	67	53	25	18
Total	178	190	209	183	150	433	416	360	201	126
South Total:	275	290	303	268	226	852	844	753	494	389
Rocky Mountains:										
Great Plains:										
Kansas	0	0	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	2	2	2	1	1
North Dakota	0	0	0	0	0	0	0	0	0	0
South Dakota	*	0	0	0	0	*	4	2	2	2
Total	0	0	0	0	0	7	6	4	3	2
Intermountain:										
Arizona	*	0	0	0	0	28	1	1	1	1
Colorado	*	0	0	0	0	*	37	30	28	27
Idaho	36	34	46	56	61	44	41	55	54	54
Montana	27	38	33	47	53	59	41	61	61	59
Nevada	*	0	0	0	0	*	3	3	3	3
New Mexico	0	0	0	2	2	24	16	21	20	21
Utah	*	0	0	0	0	*	7	5	5	6
Wyoming	*	1	1	1	1	*	14	9	8	8
Total	64	74	81	106	117	219	159	184	181	179
Rocky Mountains Total:	64	74	81	106	117	226	165	188	184	182

(Continued)

Table 14-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
Pacific Coast:										
Alaska:										
Alaska	0	0	0	0	0	99	106	10	4	3
Total	0	0	0	0	0	99	106	10	4	3
Pacific Northwest:										
Oregon	184	176	226	336	446	143	100	83	118	149
Washington	213	271	264	325	376	190	148	125	112	102
Total	397	446	491	662	822	332	248	207	230	252
Pacific Southwest:										
California	175	154	142	179	221	168	191	175	236	301
Hawaii	*	0	0	0	0	*	0	0	0	0
Total	175	154	142	179	221	168	191	175	236	301
Pacific Coast Total:	571	600	633	841	1,043	599	546	392	470	556
United States:	1,002	1,052	1,095	1,268	1,429	1,952	1,796	1,515	1,287	1,246

[a] *Indian lands are included in the Nonindustrial Private owner group for 1992 only. For 1987 and earlier years, these Indian lands may be included in the Other Public owner group for some States.*

Note: Data may not add to totals because of rounding.

Note: An "" indicates that the 1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Table 15--Net volume of hardwood sawtimber on timberland in the United States by ownership group, region, subregion, and State, for 1992, 1987, 1977, 1962, and 1952

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters														
North:															
Northeast:															
Connecticut	23	21	16	10	6	0	0	0	0	0	4	3	1	1	0
Delaware	5	4	3	3	2	0	0	0	0	0	1	0	0	0	0
Maine	53	49	38	37	34	0	0	0	0	0	1	2	0	0	0
Maryland	40	39	22	19	18	0	0	0	0	0	4	4	2	1	1
Massachusetts	23	20	13	7	5	0	0	0	0	0	4	3	1	1	0
New Hampshire	30	29	21	16	11	6	6	5	6	4	1	1	1	0	0
New Jersey	16	10	9	8	8	0	0	0	0	0	4	3	1	0	0
New York	132	123	64	59	56	0	0	0	0	0	9	11	4	4	4
Pennsylvania	207	161	106	76	58	12	12	7	3	2	41	31	20	15	11
Rhode Island	3	3	1	1	0	0	0	0	0	0	0	1	0	0	0
Vermont	33	30	22	14	16	2	3	1	1	2	2	4	1	1	1
West Virginia	188	105	91	73	79	16	14	12	7	7	9	3	2	3	3
Total	750	594	406	323	292	37	34	26	17	15	80	67	35	26	21
North Central:															
Illinois	62	60	51	38	33	2	3	3	2	1	4	3	2	1	0
Indiana	66	65	37	37	30	3	3	1	1	1	6	7	3	3	2
Iowa	20	15	12	16	18	0	0	0	0	0	2	2	1	1	0
Michigan	137	118	101	81	58	13	12	9	6	3	21	19	18	16	11
Minnesota	79	69	56	30	22	8	6	6	2	1	25	23	17	10	5
Missouri	80	67	49	47	47	8	8	5	4	3	5	3	1	1	1
Ohio	101	74	68	46	38	4	2	2	1	1	6	4	4	3	2
Wisconsin	106	95	72	46	36	7	7	4	2	2	14	16	9	6	6
Total	651	563	446	341	282	45	41	30	18	11	83	76	57	40	28
North Total:	1,401	1,157	852	665	574	82	75	56	35	27	163	143	92	65	49
South:															
Southeast:															
Florida	*	57	47	40	36	*	2	2	1	1	*	8	2	1	1
Georgia	147	143	120	96	85	10	9	9	8	7	6	6	4	3	2
North Carolina	218	209	173	133	124	22	22	16	13	9	7	6	4	3	2
South Carolina	91	93	71	55	50	4	4	3	2	1	3	3	2	1	1
Virginia	203	192	158	119	107	22	20	17	9	8	9	8	7	2	2
Total	716	694	570	442	401	60	58	46	33	27	35	31	19	11	8

(Continued)

Table 15-- (continued).

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters														
South Central:															
Alabama	116	86	76	64	63	4	3	2	2	1	5	3	2	1	1
Arkansas	126	100	70	79	87	17	12	9	9	5	12	8	5	6	4
Kentucky	150	110	93	69	74	10	6	5	2	3	5	3	2	3	3
Louisiana	107	88	84	92	78	4	3	2	1	1	9	8	4	2	1
Mississippi	132	105	88	56	59	9	8	6	3	1	10	4	4	2	2
Oklahoma	19	10	9	6	7	1	1	1	0	0	2	2	1	0	0
Tennessee	153	121	88	68	63	8	6	5	4	3	13	8	5	4	3
Texas	58	53	49	30	35	3	2	1	2	2	1	1	1	0	0
Total	860	674	557	465	466	57	41	31	23	16	58	36	25	18	14
South Total:	1,576	1,368	1,127	907	868	116	98	78	56	43	92	67	44	29	23
Rocky Mountains:															
Great Plains:															
Kansas	13	10	7	6	6	*	0	0	0	0	1	1	0	0	0
Nebraska	4	4	4	4	4	*	0	0	0	0	0	0	0	0	0
North Dakota	2	2	2	2	2	*	0	0	0	0	0	0	1	0	1
South Dakota	*	1	1	1	1	*	0	0	0	0	*	0	0	0	0
Total	19	17	14	13	12	0	0	0	0	0	1	1	1	1	1
Intermountain:															
Arizona	4	4	2	2	2	2	2	1	2	1	0	2	0	0	0
Colorado	*	19	15	13	12	*	11	11	9	9	*	2	1	1	1
Idaho	4	3	2	3	3	*	1	0	1	1	1	1	1	1	1
Montana	4	4	4	4	4	*	0	0	0	0	0	0	1	1	1
Nevada	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
New Mexico	5	4	5	5	5	4	3	2	2	1	0	0	0	0	0
Utah	*	5	4	5	5	*	3	3	4	3	*	1	0	0	0
Wyoming	*	2	1	1	1	*	0	0	0	0	*	0	0	0	0
Total	43	43	34	33	31	22	22	17	17	16	3	6	4	4	4
Rocky Mountains Total:	63	60	48	46	43	22	22	17	17	16	5	7	5	5	5

(Continued)

Table 15-- (continued).

Region, Subregion, and State	All owners					National Forest					Other public [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters														
Pacific Coast:															
Alaska:															
Alaska	28	27	34	35	35	2	2	3	3	3	10	10	31	31	32
Total	28	27	34	35	35	2	2	3	3	3	10	10	31	31	32
Pacific Northwest:															
Oregon	59	51	59	68	55	0	0	16	16	13	19	13	14	9	7
Washington	86	81	59	41	28	*	0	2	2	2	19	16	11	7	4
Total	145	132	118	110	83	0	0	19	18	14	38	30	25	16	11
Pacific Southwest:															
California	72	79	28	20	19	29	34	10	8	8	3	5	2	1	2
Hawaii	*	4	4	3	3	*	0	0	0	0	*	2	2	1	1
Total	76	83	32	22	22	29	34	10	8	8	5	7	4	3	3
Pacific Coast Total:	249	243	184	167	140	32	36	32	29	25	53	47	59	50	46
United States:	3,289	2,828	2,211	1,784	1,625	252	231	182	140	111	313	265	200	149	123

(Continued)

Table 15-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
North:										
Northeast:										
Connecticut	0	0	0	0	0	19	18	15	9	5
Delaware	0	0	0	0	0	4	4	3	2	2
Maine	29	27	22	15	14	22	20	15	21	19
Maryland	1	1	1	0	0	34	34	20	18	16
Massachusetts	1	1	0	1	0	18	16	11	5	4
New Hampshire	4	4	4	2	1	18	17	12	8	5
New Jersey	0	0	0	0	0	12	7	7	8	8
New York	10	11	7	7	6	113	102	52	48	46
Pennsylvania	10	11	4	3	2	144	107	74	55	42
Rhode Island	0	0	0	0	0	2	2	1	1	0
Vermont	4	3	4	3	3	24	21	15	10	11
West Virginia	16	11	9	4	5	147	76	67	59	65
Total	74	68	51	35	33	559	424	294	245	223
North Central:										
Illinois	0	0	0	0	0	56	53	46	36	31
Indiana	0	0	0	0	0	57	55	33	33	28
Iowa	0	0	0	0	0	18	13	10	15	17
Michigan	19	17	16	14	12	84	71	59	45	33
Minnesota	2	3	2	1	1	43	38	30	17	14
Missouri	1	1	1	1	1	66	55	40	41	43
Ohio	3	1	2	1	1	87	67	60	40	34
Wisconsin	7	7	8	5	2	78	65	51	33	25
Total	34	30	30	23	18	489	417	329	261	225
North Total:	108	98	81	58	50	1,048	841	623	506	449
South:										
Southeast:										
Florida	*	14	15	13	12	*	33	28	25	22
Georgia	20	25	21	13	12	111	104	86	71	63
North Carolina	14	16	13	14	18	174	164	140	103	95
South Carolina	17	17	13	11	8	67	68	52	40	39
Virginia	11	12	10	11	10	161	152	125	97	87
Total	75	84	73	62	60	546	521	431	336	307

(Continued)

Table 15-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
South Central:										
Alabama	19	15	14	10	10	88	65	58	51	51
Arkansas	24	25	18	21	13	72	55	38	43	65
Kentucky	2	2	2	2	3	133	100	84	62	66
Louisiana	21	18	22	15	12	72	59	57	75	64
Mississippi	15	16	16	6	5	97	77	62	45	51
Oklahoma	1	1	2	1	1	15	7	5	5	5
Tennessee	9	10	8	4	3	122	97	69	56	54
Texas	14	13	14	8	9	40	36	32	19	24
Total	107	101	96	68	54	639	496	405	356	382
South Total:	183	185	169	129	114	1,185	1,017	837	692	689
Rocky Mountains:										
Great Plains:										
Kansas	0	0	0	0	0	12	10	7	6	6
Nebraska	0	0	0	0	0	4	4	4	4	4
North Dakota	0	0	0	0	0	2	2	1	1	1
South Dakota	*	0	0	0	0	*	1	1	1	1
Total	0	0	0	0	0	18	16	13	11	11
Intermountain:										
Arizona	*	0	0	0	0	2	0	0	0	0
Colorado	*	0	0	0	0	*	6	3	3	3
Idaho	0	0	0	0	1	2	1	1	1	1
Montana	0	0	0	0	0	3	4	3	2	2
Nevada		0	0	0	0	*	0	0	0	0
New Mexico	0	0	0	0	0	2	1	4	3	3
Utah	*	0	0	0	0	*	1	1	1	1
Wyoming	*	0	0	0	0	*	1	1	1	1
Total	0	0	0	1	1	18	15	12	11	11
Rocky Mountains Total:	0	0	0	1	1	36	30	25	23	22

(Continued)

Table 15-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private [a]				
	1992	1987	1977	1962	1952	1992	1987	1977	1962	1952
	Million cubic meters									
Pacific Coast:										
Alaska:										
Alaska	0	0	0	0	0	15	15	1	1	0
Total	0	0	0	0	0	15	15	1	1	0
Pacific Northwest:										
Oregon [b]	16	16	14	17	14	24	22	15	26	21
Washington [b]	26	29	20	13	8	40	35	26	19	13
Total	42	45	34	31	22	65	57	41	45	34
Pacific Southwest:										
California	14	12	4	3	2	26	29	12	8	7
Hawaii	*	0	0	0	0	*	2	2	1	1
Total	14	12	4	3	2	28	31	14	9	9
Pacific Coast Total:	56	56	38	34	25	108	104	56	54	43
United States:	347	340	289	222	190	2,377	1,992	1,540	1,272	1,202

[a] *Indian lands are included in the Nonindustrial Private owner group for 1992 only. For 1987 and earlier years, these Indian lands may be included in the Other Public owner group.*

[b] *Estimates of hardwood volume for 1987 and 1992 are not available for most National Forests in Oregon and Washington.*

Note: Data may not add to totals because of rounding.

Note: An "" indicates that the 1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Table 16--Net volume of softwood growing stock on timberland in the Eastern United States by species, subregion, and State, 1992

Subregion and State	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
					Million cubic meters					
Northeast:										
Connecticut	13	0	0	0	5	0	0	7	0	0
Delaware	5	0	4	1	0	0	0	0	0	0
Maine	443	0	0	0	54	0	295	40	0	55
Maryland	24	0	14	7	1	0	0	1	0	0
Massachusetts	52	0	0	2	35	0	2	11	0	1
New Hampshire	101	0	0	0	46	0	37	17	0	2
New Jersey	14	0	1	9	1	0	0	0	0	4
New York	132	0	0	0	51	0	25	47	0	10
Pennsylvania	65	0	0	8	21	0	2	34	0	1
Rhode Island	1	0	0	0	1	0	0	0	0	0
Vermont	64	0	0	0	15	0	29	17	0	3
West Virginia	35	0	0	15	7	0	4	8	0	0
Total	950	0	19	43	238	0	394	180	0	76
North Central:										
Illinois	3	0	2	0	1	0	0	0	0	0
Indiana	6	0	1	2	2	0	0	0	0	1
Iowa	1	0	0	0	0	0	0	0	0	1
Michigan	193	0	0	2	57	19	44	18	0	53
Minnesota	132	0	0	0	24	16	57	0	0	35
Missouri	24	0	18	0	0	0	0	0	0	6
Ohio	13	0	0	4	4	0	0	0	0	5
Wisconsin	121	0	0	0	49	15	27	9	0	20
Total	492	0	20	9	137	50	127	27	1	121
Southeast:										
Florida [a]	263	147	21	18	0	0	0	0	75	3
Georgia	441	137	243	29	7	0	0	1	24	1
North Carolina	355	17	222	73	20	0	1	6	12	4
South Carolina	221	27	159	17	1	0	0	0	14	2
Virginia	190	0	95	68	17	0	0	5	1	2
Total	1,470	327	739	205	46	0	1	12	128	12
South Central:										
Alabama	314	55	229	23	0	0	0	0	5	3
Arkansas	225	0	216	0	0	0	0	0	5	4
Kentucky	35	0	8	17	1	0	0	2	0	7
Louisiana	283	34	203	3	0	0	0	0	42	0
Mississippi	256	35	210	5	0	0	0	0	3	2
Oklahoma	28	0	27	0	0	0	0	0	0	1
Tennessee	82	0	30	32	7	0	0	4	2	7
Texas	220	10	207	0	0	0	0	0	2	1
Total	1,443	135	1,130	80	8	0	0	6	60	25
Great Plains:										
Kansas	0	0	0	0	0	0	0	0	0	0
Nebraska	6	0	0	0	0	0	0	0	0	5
North Dakota	0	0	0	0	0	0	0	0	0	0
South Dakota [a]	49	0	0	0	0	0	2	0	0	47
Total	55	0	0	0	0	0	2	0	0	53
Eastern Total:	4,410	462	1,908	337	429	50	524	226	189	286

[a] *1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 17--Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and State, 1992

Subregion and State	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
					Million cubic meters					
Northeast:										
Connecticut	70	5	13	1	8	4	1	3	18	2
Delaware	14	2	0	0	2	0	0	0	3	0
Maine	243	1	11	0	1	0	28	40	54	19
Maryland	107	12	8	7	14	4	0	2	14	4
Massachusetts	95	4	18	0	12	1	3	6	28	3
New Hampshire	133	2	16	0	3	1	13	19	31	11
New Jersey	51	5	4	4	8	1	0	1	8	1
New York	456	10	39	11	7	11	19	96	95	39
Pennsylvania	670	38	73	49	34	18	8	66	135	34
Rhode Island	11	1	2	0	3	0	0	0	3	0
Vermont	129	1	6	0	0	1	16	44	18	10
West Virginia	516	48	46	51	49	37	5	30	42	23
Total	2,497	129	237	124	141	79	93	306	449	146
North Central:										
Illinois	142	25	10	4	21	16	0	6	11	0
Indiana	148	18	8	3	13	16	0	15	8	3
Iowa	47	10	5	0	3	4	0	1	5	0
Michigan	434	15	33	0	6	3	12	96	76	12
Minnesota	297	18	23	0	1	1	1	11	10	0
Missouri	230	63	11	25	69	25	0	2	4	0
Ohio	276	36	17	15	24	27	0	20	17	10
Wisconsin	349	20	40	0	16	6	6	49	41	1
Total	1,922	204	147	47	153	98	18	200	171	27
Southeast:										
Florida [a]	160	1	0	11	35	3	0	0	12	0
Georgia	428	34	12	27	97	26	0	0	25	2
North Carolina	572	58	29	42	72	27	2	5	61	10
South Carolina	246	19	6	9	52	11	0	0	17	1
Virginia	544	81	41	68	79	36	0	7	39	14
Total	1,951	193	88	158	334	103	2	12	154	28
South Central:										
Alabama	339	31	11	25	77	32	0	1	8	3
Arkansas	325	51	27	36	70	34	0	2	3	2
Kentucky	418	56	22	37	54	50	0	23	21	19
Louisiana	254	12	10	13	57	16	0	0	7	4
Mississippi	306	28	18	18	76	21	0	0	5	4
Oklahoma	53	4	4	12	9	7	0	0	0	0
Tennessee	390	59	24	45	58	46	0	13	17	9
Texas	144	9	7	19	43	6	0	0	2	1
Total	2,228	252	122	204	444	212	0	40	63	42
Great Plains:										
Kansas	32	4	2	1	1	2	0	0	1	0
Nebraska	9	1	0	0	0	0	0	0	0	0
North Dakota	6	1	0	0	0	0	0	0	0	0
South Dakota [a]	2	0	0	0	0	0	0	0	0	0
Total	49	6	2	1	1	2	0	0	1	0
Eastern Total:	8,647	784	596	534	1,073	495	114	559	838	242

(Continued)

Table 17-- (continued).

Subregion and State	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow-poplar	Cotton-wood and aspen	Black walnut	Black cherry	Other eastern hard-woods
				Million cubic meters					
Northeast:									
Connecticut	0	0	4	0	1	0	0	1	6
Delaware	3	1	0	0	1	0	0	0	0
Maine	0	0	11	1	0	40	0	1	37
Maryland	9	4	2	0	16	1	1	2	6
Massachusetts	0	0	5	0	0	2	0	4	7
New Hampshire	0	0	7	1	0	8	0	2	19
New Jersey	4	2	4	0	4	0	1	0	3
New York	0	0	36	13	2	25	1	27	26
Pennsylvania	0	5	33	10	23	20	3	70	52
Rhode Island	0	0	0	0	0	0	0	0	0
Vermont	0	0	9	1	0	5	0	3	16
West Virginia	0	5	13	15	85	1	4	18	44
Total	16	17	126	41	133	104	8	128	218
North Central:									
Illinois	2	1	8	2	2	5	4	2	24
Indiana	2	1	11	2	17	5	4	2	20
Iowa	0	0	2	3	0	5	2	1	8
Michigan	0	0	26	21	1	85	1	12	33
Minnesota	0	0	25	20	0	134	0	0	52
Missouri	0	1	4	0	0	5	4	1	17
Ohio	0	0	21	0	22	9	5	13	39
Wisconsin	0	0	23	25	0	74	1	6	43
Total	4	4	120	73	42	320	21	37	236
Southeast:									
Florida [a]	15	43	11	0	2	0	0	0	26
Georgia	64	63	9	0	45	0	0	2	21
North Carolina	58	55	14	4	93	1	1	2	37
South Carolina	48	43	8	0	18	2	0	1	11
Virginia	27	13	9	5	91	0	3	1	30
Total	212	218	50	9	249	3	5	7	125
South Central:									
Alabama	55	29	7	1	29	0	0	2	28
Arkansas	44	12	9	0	0	3	1	1	29
Kentucky	6	7	16	4	56	2	5	3	37
Louisiana	47	31	12	0	2	4	0	1	38
Mississippi	52	20	8	1	15	4	0	2	34
Oklahoma	1	0	3	0	0	3	1	0	8
Tennessee	16	8	12	2	47	1	3	3	28
Texas	32	7	4	0	0	1	0	0	13
Total	254	115	72	8	149	18	10	11	215
Great Plains:									
Kansas	0	0	2	0	0	5	3	0	11
Nebraska	0	0	1	0	0	4	0	0	2
North Dakota	0	0	1	0	0	3	0	0	1
South Dakota [a]	0	0	0	0	0	1	0	0	0
Total	0	0	4	1	0	13	3	0	14
Eastern Total:	486	352	373	132	573	458	47	183	808

[a] *1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 18--Net volume of softwood sawtimber on timberland in the Eastern United States by species, subregion, and State, 1992

Subregion and State	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
					Million cubic meters					
Northeast:										
Connecticut	5	0	0	0	2	0	0	3	0	0
Delaware	2	0	2	0	0	0	0	0	0	0
Maine	124	0	0	0	25	0	71	14	0	14
Maryland	8	0	5	2	0	0	0	0	0	0
Massachusetts	21	0	0	1	16	0	1	4	0	0
New Hampshire	35	0	0	0	20	0	9	6	0	0
New Jersey	4	0	0	3	0	0	0	0	0	1
New York	45	0	0	0	20	0	6	17	0	2
Pennsylvania	25	0	0	2	9	0	0	13	0	0
Rhode Island	1	0	0	0	1	0	0	0	0	0
Vermont	20	0	0	0	6	0	8	6	0	1
West Virginia	13	0	0	4	3	0	2	4	0	0
Total	303	0	7	13	102	0	98	66	0	18
North Central:										
Illinois	1	0	1	0	0	0	0	0	0	0
Indiana	2	0	0	1	1	0	0	0	0	0
Iowa	0	0	0	0	0	0	0	0	0	0
Michigan	68	0	0	1	25	5	12	9	0	15
Minnesota	43	0	0	0	13	6	13	0	0	11
Missouri	10	0	8	0	0	0	0	0	0	2
Ohio	5	0	0	2	1	0	0	0	0	2
Wisconsin	45	0	0	0	22	4	8	5	0	6
Total	174	0	9	3	62	16	33	14	0	36
Southeast:										
Florida [a]	99	52	11	6	0	0	0	0	28	1
Georgia	186	51	109	10	4	0	0	0	10	0
North Carolina	153	7	98	25	12	0	0	3	7	1
South Carolina	102	12	74	7	1	0	0	0	8	0
Virginia	68	0	36	19	9	0	0	3	1	0
Total	608	122	328	67	25	0	0	6	55	3
South Central:										
Alabama	149	26	110	9	0	0	0	0	3	1
Arkansas	118	0	114	0	0	0	0	0	3	1
Kentucky	10	0	3	5	0	0	0	1	0	1
Louisiana	157	18	114	2	0	0	0	0	23	0
Mississippi	139	17	116	4	0	0	0	0	2	0
Oklahoma	13	0	13	0	0	0	0	0	0	0
Tennessee	34	0	12	12	4	0	0	2	1	1
Texas	125	4	120	0	0	0	0	0	1	0
Total	745	66	601	32	4	0	0	3	33	5
Great Plains:										
Kansas	0	0	0	0	0	0	0	0	0	0
Nebraska	3	0	0	0	0	0	0	0	0	3
North Dakota	0	0	0	0	0	0	0	0	0	0
South Dakota [a]	21	0	0	0	0	0	1	0	0	20
Total	24	0	0	0	0	0	1	0	0	23
Eastern Total:	1,854	189	945	115	193	16	132	89	88	86

[a] *1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 19--Net volume of hardwood sawtimber on timberland in the Eastern United States by species, subregion, and State, 1992

Subregion and State	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
					Million cubic meters					
Northeast:										
Connecticut	23	2	5	0	3	1	0	1	5	1
Delaware	5	1	0	0	1	0	0	0	1	0
Maine	53	0	3	0	0	0	8	13	10	5
Maryland	40	4	3	2	6	1	0	0	4	2
Massachusetts	23	1	5	0	3	0	1	2	6	1
New Hampshire	30	1	4	0	1	0	4	5	5	4
New Jersey	16	2	2	1	2	0	0	0	2	0
New York	132	4	15	2	2	3	6	30	23	12
Pennsylvania	207	13	30	13	13	5	1	18	34	11
Rhode Island	3	0	1	0	1	0	0	0	1	0
Vermont	33	0	2	0	0	0	4	12	4	3
West Virginia	188	18	21	17	19	11	1	10	11	10
Total	750	45	92	36	51	22	26	92	106	49
North Central:										
Illinois	62	12	5	2	10	6	0	2	5	0
Indiana	66	9	4	2	7	7	0	6	3	2
Iowa	20	4	3	0	1	1	0	1	2	0
Michigan	137	6	14	0	2	1	5	31	22	6
Minnesota	79	6	9	0	0	0	0	3	2	0
Missouri	80	23	5	6	26	6	0	0	1	0
Ohio	101	16	8	6	11	9	0	7	5	5
Wisconsin	106	9	18	0	6	1	2	15	9	0
Total	651	86	66	16	64	32	7	64	49	13
Southeast:										
Florida [a]	57	0	0	6	14	2	0	0	4	0
Georgia	147	13	5	10	36	8	0	0	7	1
North Carolina	218	24	14	16	29	10	1	2	16	4
South Carolina	91	7	3	3	19	4	0	0	5	0
Virginia	203	30	19	24	29	12	0	2	10	6
Total	716	74	40	59	128	36	1	4	41	11
South Central:										
Alabama	116	12	5	8	29	11	0	0	1	1
Arkansas	126	17	12	13	31	11	0	0	1	1
Kentucky	150	22	10	13	22	15	0	7	6	10
Louisiana	107	5	5	6	28	7	0	0	1	3
Mississippi	132	14	10	7	35	10	0	0	1	2
Oklahoma	19	2	2	3	3	2	0	0	0	0
Tennessee	153	23	11	17	25	16	0	5	5	4
Texas	58	5	4	7	20	2	0	0	0	1
Total	860	100	60	75	193	76	0	12	15	22
Great Plains:										
Kansas	13	2	1	0	0	0	0	0	1	0
Nebraska	4	1	0	0	0	0	0	0	0	0
North Dakota	2	0	0	0	0	0	0	0	0	0
South Dakota [a]	1	0	0	0	0	0	0	0	0	0
Total	19	3	1	0	0	1	0	0	1	0
Eastern Total:	2,996	308	259	187	436	166	34	173	212	94

(Continued)

Table 19-- (continued).

Subregion and State	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow-poplar	Cotton-wood and aspen	Black walnut	Black cherry	Other eastern hard-woods
				Million cubic meters					
Northeast:									
Connecticut	0	0	1	0	1	0	0	0	1
Delaware	1	0	0	0	1	0	0	0	0
Maine	0	0	2	0	0	8	0	0	4
Maryland	3	1	1	0	8	0	0	1	2
Massachusetts	0	0	2	0	0	0	0	1	1
New Hampshire	0	0	2	0	0	2	0	0	3
New Jersey	1	0	1	0	2	0	0	0	1
New York	0	0	9	5	1	5	0	8	6
Pennsylvania	0	1	11	3	12	4	1	25	10
Rhode Island	0	0	0	0	0	0	0	0	0
Vermont	0	0	2	0	0	1	0	1	3
West Virginia	0	2	4	6	36	0	1	7	12
Total	5	4	36	15	61	21	2	44	43
North Central:									
Illinois	1	0	3	1	1	3	1	1	8
Indiana	1	0	4	1	9	3	2	1	7
Iowa	0	0	1	1	0	3	1	0	2
Michigan	0	0	8	8	0	24	0	3	7
Minnesota	0	0	5	6	0	38	0	0	9
Missouri	0	0	1	0	0	3	1	0	6
Ohio	0	0	7	0	10	2	2	3	11
Wisconsin	0	0	7	9	0	19	0	1	9
Total	2	1	35	27	20	93	8	10	58
Southeast:									
Florida [a]	5	15	4	0	1	0	0	0	7
Georgia	19	18	3	0	20	0	0	0	6
North Carolina	20	20	5	2	44	0	0	1	11
South Carolina	16	16	3	0	9	1	0	0	4
Virginia	8	4	3	2	42	0	1	1	9
Total	69	74	17	4	116	1	2	1	37
South Central:									
Alabama	15	9	3	0	13	0	0	0	8
Arkansas	16	5	3	0	0	2	0	0	11
Kentucky	2	2	5	1	22	1	1	1	9
Louisiana	19	10	5	0	1	2	0	0	15
Mississippi	17	7	3	0	8	3	0	0	13
Oklahoma	0	0	1	0	0	2	0	0	3
Tennessee	6	3	4	1	23	1	1	1	8
Texas	10	3	2	0	0	1	0	0	4
Total	85	38	26	3	68	11	3	3	70
Great Plains:									
Kansas	0	0	1	0	0	2	1	0	4
Nebraska	0	0	0	0	0	2	0	0	1
North Dakota	0	0	0	0	0	0	0	0	0
South Dakota [a]	0	0	0	0	0	0	0	0	0
Total	0	0	2	0	0	5	1	0	5
Eastern Total:	161	117	116	50	266	132	16	58	213

[a] *1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 20--Net volume of growing stock on timberland in the Western United States by species, subregion, and State, 1992

Subregion and State	All species	Softwoods								
		Total soft-woods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
					Million cubic meters					
Intermountain:										
Arizona	199	181	17	135	13	0	0	2	0	0
Colorado [a]	550	459	51	58	70	0	0	0	0	0
Idaho	934	915	256	67	213	27	0	29	0	0
Montana	798	784	244	84	56	6	0	6	0	0
Nevada	13	12	0	4	5	0	0	0	0	0
New Mexico	192	170	30	92	24	0	0	4	0	0
Utah [a]	136	111	19	8	33	0	0	0	0	0
Wyoming [a]	195	185	24	28	19	0	0	0	0	0
Total	3,016	2,817	641	476	433	33	0	41	0	0
Alaska:										
Alaska	1,001	881	0	0	0	319	0	0	0	245
Total	1,001	881	0	0	0	319	0	0	0	245
Pacific Northwest:										
Oregon	1,931	1,782	996	163	200	193	15	12	3	32
Washington	1,597	1,422	612	92	165	343	0	9	0	15
Total	3,527	3,204	1,608	255	365	536	15	21	3	48
Pacific Southwest:										
California	1,623	1,419	392	271	402	1	92	10	143	1
Hawaii	8	0	0	0	0	0	0	0	0	0
Total	1,631	1,419	392	271	402	1	92	10	143	1
Western Total:	9,176	8,322	2,640	1,002	1,200	888	107	72	146	294

(Continued)

Table 20-- (continued).

Subregion and State	Softwoods continued						Hardwoods				
	Engelmann and other spruces	Western larch	Incense cedar	Lodgepole pine	Western redcedar[b]	Other Western soft-woods	Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other western hard-woods
					Million cubic meters						
Intermountain:											
Arizona	11	0	0	0	0	4	18	12	0	6	0
Colorado [a]	177	0	0	102	0	2	91	91	0	0	0
Idaho	64	44	0	143	21	50	19	19	0	0	0
Montana	50	62	0	249	1	25	14	14	0	0	0
Nevada	0	0	0	1	0	1	1	1	0	0	0
New Mexico	11	0	0	0	0	9	22	13	0	8	0
Utah [a]	27	0	0	22	0	2	25	25	0	0	0
Wyoming [a]	40	0	0	67	0	8	10	10	0	0	0
Total	380	106	0	583	23	101	199	184	0	14	1
Alaska:											
Alaska	171	0	0	1	37	108	120	53	1	0	66
Total	171	0	0	1	37	108	120	53	1	0	66
Pacific Northwest:											
Oregon [c]	12	19	8	79	24	28	149	2	83	15	48
Washington [c]	18	36	0	41	32	59	174	16	117	1	40
Total	30	55	8	120	56	87	323	19	200	16	88
Pacific Southwest:											
California	0	0	68	26	5	7	207	0	4	114	86
Hawaii	0	0	0	0	0	0	8	0	0	0	8
Total	0	0	68	26	5	7	212	0	4	114	94
Western Total:	582	161	75	730	121	303	854	256	205	144	249

[a] *1992 data have not been updated since 1987. See Appendix A of this report for more detail.*
b Western redcedar volume may be included in other western softwood volume.
c Western redcedar volume in Oregon for National Forest lands includes some incense cedar.

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 21--Net volume of sawtimber on timberland in the Western United States by species, subregion, and State, 1992

Subregion and State	All species	Softwoods								
		Total soft-woods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
					Million cubic meters					
Intermountain:										
Arizona	109	104	10	78	7	0	0	1	0	0
Colorado [a]	234	215	22	28	29	0	0	0	0	0
Idaho	489	485	147	48	107	14	0	17	0	0
Montana	327	323	114	44	21	2	0	4	0	0
Nevada	8	8	0	3	3	0	0	0	0	0
New Mexico	90	85	14	51	11	0	0	2	0	0
Utah [a]	56	51	10	5	13	0	0	0	0	0
Wyoming [a]	87	85	11	12	7	0	0	0	0	0
Total	1,399	1,356	329	268	198	16	0	23	0	0
Alaska:										
Alaska	534	507	0	0	0	187	0	0	0	166
Total	534	507	0	0	0	187	0	0	0	166
Pacific Northwest:										
Oregon	1,396	1,337	762	150	131	146	12	9	2	26
Washington	1,082	996	450	67	106	240	0	7	0	11
Total	2,478	2,333	1,211	217	237	386	12	15	2	38
Pacific Southwest:										
California	1,145	1,073	299	209	301	1	77	8	103	1
Hawaii	4	0	0	0	0	0	0	0	0	0
Total	1,149	1,073	299	209	301	1	77	8	103	1
Western Total:	5,561	5,268	1,839	694	737	589	89	47	105	205

(Continued)

Table 21-- (continued).

Subregion and State	Softwoods continued						Hardwoods				
	Engelmann and other spruces	Western larch	Incense cedar	Lodgepole pine	Western redcedar[b]	Other Western soft-woods	Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other western hard-woods
					Million cubic meters						
Intermountain:											
Arizona	7	0	0	0	0	0	4	4	0	0	0
Colorado [a]	97	0	0	37	0	1	19	19	0	0	0
Idaho	42	26	0	51	9	25	4	4	0	0	0
Montana	28	34	0	68	1	8	4	4	0	0	0
Nevada	0	0	0	1	0	1	0	0	0	0	0
New Mexico	5	0	0	0	0	2	5	5	0	0	0
Utah [a]	15	0	0	7	0	1	5	5	0	0	0
Wyoming [a]	23	0	0	27	0	4	2	2	0	0	0
Total	218	60	0	191	9	42	43	43	0	0	0
Alaska:											
Alaska	80	0	0	1	19	54	28	17	0	0	11
Total	80	0	0	1	19	54	28	17	0	0	11
Pacific Northwest:											
Oregon [c]	10	16	4	32	17	20	59	2	38	4	16
Washington[c]	13	25	0	17	23	37	86	10	55	0	20
Total	23	41	4	49	40	56	145	12	93	4	36
Pacific Southwest:											
California	0	0	47	19	3	5	72	0	1	39	32
Hawaii	0	0	0	0	0	0	4	0	0	0	4
Total	0	0	47	19	3	5	76	0	1	39	36
Western Total:	321	101	51	260	72	159	292	72	95	43	83

[a] 1992 data have not been updated since 1987. See Appendix A of this report for more detail.
b Western redcedar volume may be included in other western softwood volume.
c Western redcedar volume in Oregon for National Forest lands includes some incense cedar.

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 22-- Net volume of softwood growing stock on timberland in the United States by region, subregion, and diameter class, for 1992, 1987, 1977, 1962, and 1952

Region and Subregion	Year	Total	Diameter class (cm)									
			13 to 18	18 to 23	23 to 28	28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
			Million cubic meters									
North:												
Northeast	1992	950	138	190	181	147	103	69	44	28	42	8
	1987	895	134	181	171	139	95	65	40	26	37	7
	1977	877	216	205	154	110	72	48	29	17	22	4
	1962	680	171	162	115	82	56	37	22	15	19	2
	1952	567	131	134	89	71	51	34	20	15	20	3
North Central	1992	492	100	116	90	61	40	27	20	15	21	4
	1987	453	97	108	83	56	36	24	17	12	17	2
	1977	364	90	88	62	40	27	20	14	9	13	2
	1962	272	74	63	43	30	19	14	10	7	10	2
	1952	199	51	45	33	24	15	10	7	5	8	1
North Total:	1992	1,443	238	306	271	209	143	96	63	43	63	11
	1987	1,348	231	289	254	195	131	89	58	38	53	9
	1977	1,241	306	293	216	150	99	68	43	26	35	6
	1962	953	245	225	158	112	75	51	32	22	29	4
	1952	766	182	179	122	95	65	44	28	19	28	4
South:												
Southeast	1992	1,470	175	266	277	237	186	129	82	50	59	9
	1987	1,489	183	267	280	250	193	129	82	46	52	7
	1977	1,444	196	266	277	242	183	123	71	40	42	5
	1962	1,137	155	216	233	205	138	84	49	27	27	3
	1952	1,006	129	192	211	186	121	72	41	23	27	4
South Central	1992	1,443	120	198	224	241	217	164	112	70	88	9
	1987	1,500	135	213	254	254	213	164	110	68	80	8
	1977	1,421	147	218	248	239	196	145	96	59	66	7
	1962	988	110	154	170	165	135	103	67	40	41	3
	1952	705	73	109	129	123	98	72	47	25	26	3
South Total:	1992	2,913	295	464	501	479	402	293	194	120	147	18
	1987	2,989	318	479	534	504	406	292	192	115	133	15
	1977	2,864	343	483	525	481	379	268	167	99	108	12
	1962	2,125	264	370	403	369	273	187	116	67	68	7
	1952	1,711	202	300	340	309	219	144	88	48	53	7

(Continued)

Table 22– (continued).

Region and Subregion	Year	Total	Diameter class (cm) 13 to 18	18 to 23	23 to 28	28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
							Million cubic meters					
Rocky Mountains:												
Great Plains	1992	55	5	8	10	10	8	6	4	2	2	0
	1987	54	5	8	9	10	8	6	4	2	2	0
	1977	51	4	8	9	9	7	6	4	2	2	0
	1962	42	3	5	6	7	6	5	4	3	3	0
	1952	37	2	4	5	6	5	5	4	3	4	0
Intermountain	1992	2,817	241	353	390	369	315	260	205	160	365	159
	1987	2,784	244	349	379	352	302	253	202	159	372	172
	1977	2,641	266	333	336	310	274	231	196	161	377	158
	1962	2,597	291	282	292	287	267	241	205	171	410	151
	1952	2,441	243	239	253	254	242	222	195	167	423	203
Rocky Mountains Total:	1992	2,872	246	361	400	379	323	267	210	162	366	159
	1987	2,838	249	356	388	361	310	260	207	161	374	172
	1977	2,692	270	341	345	319	281	237	199	163	379	158
	1962	2,638	294	287	298	293	273	246	209	174	413	151
	1952	2,478	245	243	258	259	247	227	199	170	426	203
Pacific Coast:												
Alaska	1992	881	23	53	64	67	67	59	63	56	195	235
	1987	1,049	27	55	68	77	76	75	78	71	249	274
	1977	1,366	38	52	78	100	113	116	104	97	327	341
	1962	1,399	34	46	70	93	107	115	108	102	348	378
	1952	1,391	31	42	64	88	102	112	107	103	351	390
Pacific Northwest	1992	3,204	118	176	233	278	270	259	242	215	618	796
	1987	3,283	121	190	237	261	265	258	245	220	635	853
	1977	3,751	165	205	233	249	247	246	240	222	744	1,200
	1962	4,103	140	186	214	234	238	244	240	229	811	1,568
	1952	4,233	121	158	180	209	205	229	222	225	835	1,849

(Continued)

Table 22– (continued).

Region and Subregion	Year	Total	Diameter class (cm) 13 to 18	18 to 23	23 to 28	28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
								Million cubic meters				
Pacific Southwest	1992	1,419	27	42	53	68	74	80	86	79	311	598
	1987	1,311	25	40	50	60	67	74	79	75	289	550
	1977	1,301	22	36	46	53	63	68	70	71	283	591
	1962	1,510	26	42	51	57	61	64	65	66	284	793
	1952	1,642	22	35	45	52	58	61	64	65	287	952
Pacific Coast Total:	1992	5,504	169	272	350	413	411	398	391	350	1,124	1,628
	1987	5,643	173	284	354	398	408	407	402	366	1,173	1,676
	1977	6,418	225	293	357	402	422	430	414	390	1,354	2,131
	1962	7,012	200	273	334	384	407	422	413	398	1,443	2,738
	1952	7,266	174	236	290	348	366	402	394	393	1,473	3,191
United States:	1992	12,732	947	1,403	1,522	1,479	1,279	1,053	859	675	1,701	1,815
	1987	12,817	972	1,410	1,531	1,458	1,256	1,049	857	679	1,734	1,872
	1977	13,215	1,143	1,410	1,443	1,352	1,182	1,002	823	678	1,876	2,306
	1962	12,728	1,004	1,155	1,193	1,158	1,027	907	770	660	1,953	2,900
	1952	12,220	802	958	1,011	1,011	897	818	708	630	1,980	3,405

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from total volume by State in other tables because of rounding.

Table 23-- Net volume of hardwood growing stock on timberland in the United States by region, subregion, and diameter class, for 1992, 1987, 1977, 1962, and 1952

Region and Subregion	Year	Total	Diameter class (cm) 13 to 18	18 to 23	23 to 28	28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
							Million cubic meters					
North:												
Northeast	1992	2,497	238	391	442	391	327	244	166	108	157	32
	1987	2,279	263	376	405	357	293	208	142	87	125	22
	1977	1,905	297	346	347	279	220	154	101	63	84	13
	1962	1,495	242	276	266	208	164	118	81	53	75	11
	1952	1,222	196	218	207	162	132	101	72	47	77	11
North Central	1992	1,922	221	274	312	286	237	181	134	91	148	37
	1987	1,752	231	286	295	257	201	154	108	74	115	29
	1977	1,467	220	274	264	210	168	119	79	50	70	15
	1962	1,183	188	225	205	159	125	93	62	43	70	14
	1952	948	135	168	171	123	103	77	55	37	68	12
North Total:	1992	4,419	460	665	754	677	563	425	301	199	304	70
	1987	4,030	494	662	701	614	494	362	250	161	240	52
	1977	3,372	517	619	612	489	388	273	179	113	154	28
	1962	2,678	431	501	471	367	289	210	143	96	145	25
	1952	2,170	331	386	378	285	234	178	126	84	145	23
South:												
Southeast	1992	1,951	164	231	270	284	270	226	170	117	182	38
	1987	1,929	169	231	270	293	269	221	164	108	168	36
	1977	1,718	170	227	260	261	236	184	131	84	135	28
	1962	1,330	129	175	204	207	186	137	101	67	104	20
	1952	1,175	101	148	181	179	167	122	93	63	102	20
South Central	1992	2,228	189	283	337	312	304	247	186	130	200	40
	1987	2,006	209	281	321	297	268	212	150	97	145	25
	1977	1,740	210	254	279	251	227	181	124	79	115	21
	1962	1,471	165	214	243	221	193	145	101	68	104	17
	1952	1,315	128	175	207	199	178	139	101	67	106	17
South Total:	1992	4,179	353	514	607	596	574	473	356	247	382	78
	1987	3,934	378	511	591	590	538	433	311	205	313	61
	1977	3,457	380	482	539	512	463	365	255	163	250	49
	1962	2,801	294	389	447	428	379	282	202	135	209	37
	1952	2,491	229	322	388	378	345	261	194	130	208	37

(Continued)

Table 23-- (continued).

Region and Subregion	Year	Total	Diameter class (cm) 13 to 18	18 to 23	23 to 28	28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
							Million cubic meters					
Rocky Mountains:												
Great Plains	1992	49	5	5	5	5	4	3	4	3	9	6
	1987	42	5	4	5	4	4	3	3	2	7	5
	1977	36	4	4	5	4	4	3	3	2	7	1
	1962	31	3	4	4	3	3	3	2	2	6	1
	1952	31	3	4	4	3	3	3	3	2	6	1
Intermountain	1992	199	37	44	44	27	17	10	6	4	6	2
	1987	176	31	40	40	25	16	9	5	4	5	2
	1977	138	23	33	28	21	13	8	5	3	4	0
	1962	127	16	27	27	21	14	9	6	3	4	0
	1952	113	13	23	23	19	13	8	5	3	4	1
Rocky Mountains Total:	1992	248	42	49	50	32	22	14	9	7	14	8
	1987	217	35	45	45	29	19	12	7	6	11	7
	1977	174	26	37	33	25	17	11	7	5	10	1
	1962	158	19	30	31	24	18	12	8	5	11	1
	1952	144	15	26	27	22	17	12	8	5	10	1
Pacific Coast:												
Alaska	1992	120	18	29	19	16	9	10	5	4	7	2
	1987	119	19	29	19	16	9	10	5	4	6	2
	1977	119	17	26	21	12	11	9	6	4	9	5
	1962	119	17	25	21	12	10	9	6	4	9	6
	1952	119	17	25	20	12	10	9	6	4	9	6
Pacific Northwest	1992	323	20	32	47	58	43	35	27	17	32	13
	1987	327	21	39	53	54	47	35	25	15	27	10
	1977	298	34	42	45	43	37	27	22	14	26	8
	1962	262	37	38	37	35	30	22	17	12	26	7
	1952	200	29	30	30	27	23	15	13	9	19	5

(Continued)

Table 23-- (continued).

Region and Subregion	Year	Total	Diameter class (cm) 13 to 18	18 to 23	23 to 28	28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
							Million cubic meters					
Pacific Southwest	1992	213	15	20	21	24	21	19	17	14	39	21
	1987	219	16	23	23	22	21	20	18	14	40	23
	1977	110	7	12	12	11	10	10	8	8	20	11
	1962	90	6	9	8	9	9	8	8	6	16	12
	1952	86	5	9	7	8	9	7	7	6	15	13
Pacific Coast Total:	1992	655	54	82	87	97	74	64	50	35	78	35
	1987	665	55	91	95	92	77	64	48	33	73	35
	1977	527	59	79	78	66	58	46	36	26	55	24
	1962	471	60	72	66	55	50	39	31	23	51	24
	1952	405	52	64	57	47	42	31	26	19	44	24
United States:	1992	9,501	909	1,310	1,498	1,402	1,232	975	716	489	779	191
	1987	8,847	963	1,310	1,433	1,325	1,129	871	618	405	638	155
	1977	7,531	982	1,217	1,262	1,092	926	696	477	307	469	102
	1962	6,108	803	992	1,015	874	736	543	384	259	415	88
	1952	5,210	627	798	850	731	638	481	354	239	406	86

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from total volume by State in other tables because of rounding.

Table 24– Net volume of softwood sawtimber on timberland in the United States by region, subregion, and diameter class, for 1992, 1987, 1977, 1962, and 1952

Region and Subregion	Year	Total	Diameter class (cm)							
			23 to 28	28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
			Million cubic meters							
North:										
Northeast	1992	303	73	70	53	37	25	16	25	5
	1987	282	69	66	49	35	23	14	21	4
	1977	212	63	50	35	25	15	9	12	2
	1962	160	47	36	27	18	11	8	11	1
	1952	141	37	32	24	17	11	8	11	1
North Central	1992	174	54	38	25	17	13	10	15	3
	1987	157	50	36	24	16	12	8	11	1
	1977	120	36	25	18	14	10	7	10	1
	1962	77	22	16	11	9	7	5	7	1
	1952	57	16	12	8	6	5	3	6	1
North Total:	1992	477	126	108	78	54	38	26	39	7
	1987	440	119	102	73	51	34	22	32	5
	1977	332	98	75	53	38	25	16	22	4
	1962	237	69	53	38	27	18	13	18	2
	1952	198	53	44	32	23	15	11	17	2
South:										
Southeast	1992	608	123	130	116	88	59	38	47	7
	1987	617	126	139	122	88	60	35	42	6
	1977	556	125	132	111	80	48	27	29	4
	1962	430	105	113	84	55	33	18	19	2
	1952	381	96	102	73	46	27	15	19	2
South Central	1992	745	120	154	149	117	82	52	65	7
	1987	734	128	153	139	113	79	51	63	7
	1977	676	127	148	130	102	70	44	50	5
	1962	463	86	102	89	73	49	30	31	3
	1952	330	64	75	66	51	34	19	20	3
South Total:	1992	1,353	243	284	265	205	141	89	112	14
	1987	1,351	254	292	261	201	139	86	105	12
	1977	1,232	251	280	241	183	118	71	79	9
	1962	894	191	214	174	128	82	48	50	5
	1952	711	160	177	139	97	61	34	38	5

(Continued)

Table 24-- (continued).

Region and Subregion	Year	Total	Diameter class (cm) 23 to 28	28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
			Million cubic meters							
Rocky Mountains:										
Great Plains	1992	24	4	5	5	4	3	2	1	0
	1987	24	4	5	5	4	3	2	1	0
	1977	22	3	5	5	4	3	2	1	0
	1962	20	2	3	4	3	3	2	2	0
	1952	19	2	3	3	3	3	2	3	0
Intermountain	1992	1,356	182	214	194	167	136	107	250	105
	1987	1,346	179	207	188	162	133	106	255	116
	1977	1,304	184	187	171	148	128	107	263	116
	1962	1,338	178	171	168	158	139	119	293	112
	1952	1,308	155	151	153	146	132	116	302	152
Rocky Mountains Total:	1992	1,380	186	219	199	171	139	109	252	105
	1987	1,370	183	212	193	167	136	107	256	116
	1977	1,326	187	191	176	152	131	109	264	116
	1962	1,358	180	174	172	161	142	121	296	112
	1952	1,326	156	154	156	149	135	118	305	152
Pacific Coast:										
Alaska	1992	507	33	38	38	36	37	34	125	165
	1987	586	26	43	44	45	47	43	157	182
	1977	752	35	50	63	68	62	58	200	216
	1962	779	31	46	59	67	64	61	212	239
	1952	780	29	44	56	65	63	61	216	247
Pacific Northwest	1992	2,333	136	187	196	197	191	175	527	723
	1987	2,347	136	171	188	192	190	176	532	763
	1977	2,532	123	145	157	168	172	164	583	1,020
	1962	2,889	133	130	148	163	170	169	632	1,345
	1952	3,103	145	116	127	153	157	166	657	1,582

(Continued)

Table 24-- (continued).

Region and Subregion	Year	Total	Diameter class (cm)							
			23 to 28	28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
			Million cubic meters							
Pacific Southwest	1992	1,073	37	50	56	62	67	62	249	490
	1987	1,006	35	45	52	58	62	59	235	461
	1977	890	17	25	35	40	44	48	202	478
	1962	1,041	20	19	29	35	37	42	200	659
	1952	1,176	23	18	27	33	36	41	208	790
Pacific Coast Total:	1992	3,913	207	275	291	295	295	271	900	1,378
	1987	3,939	197	259	283	295	299	278	924	1,405
	1977	4,173	175	220	255	276	278	270	985	1,715
	1962	4,710	184	195	236	265	271	272	1,045	2,243
	1952	5,058	197	177	210	251	257	268	1,080	2,619
United States:	1992	7,122	761	886	833	725	613	495	1,304	1,504
	1987	7,101	753	865	810	714	608	494	1,317	1,539
	1977	7,062	712	766	724	649	552	466	1,351	1,843
	1962	7,198	624	636	618	582	513	454	1,409	2,363
	1952	7,292	566	553	537	520	468	431	1,440	2,778

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from total volume by State in other tables because of rounding.

Table 25-- Net volume of hardwood sawtimber on timberland in the United States by region, subregion, and diameter class, for 1992, 1987, 1977, 1962, and 1952

Region and Subregion	Year	Total	Diameter class (cm) 28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
			Million cubic meters						
North:									
Northeast	1992	750	178	165	131	94	64	98	22
	1987	594	154	136	103	73	46	68	13
	1977	406	112	96	71	48	31	42	6
	1962	323	84	73	55	40	27	39	6
	1952	292	68	62	50	37	26	43	6
North Central	1992	651	162	139	107	80	54	87	21
	1987	563	148	122	95	68	45	69	17
	1977	446	129	105	76	51	32	45	9
	1962	341	93	75	57	39	27	43	8
	1952	282	68	60	46	34	23	42	9
North Total:	1992	1,401	340	303	238	174	118	185	43
	1987	1,157	302	258	198	140	91	137	30
	1977	852	241	201	146	98	63	87	15
	1962	665	177	147	112	78	53	82	14
	1952	574	136	122	96	71	49	85	15
South:									
Southeast	1992	716	122	136	127	103	75	125	29
	1987	694	124	135	124	99	69	116	27
	1977	570	112	120	103	78	52	86	19
	1962	442	88	94	77	60	41	67	13
	1952	401	77	86	68	55	38	63	13
South Central	1992	860	156	177	154	121	87	138	28
	1987	674	138	144	123	91	62	97	18
	1977	557	118	122	105	75	49	75	14
	1962	465	103	102	82	59	41	66	11
	1952	466	98	100	83	62	42	69	12
South Total:	1992	1,576	277	313	281	224	162	262	57
	1987	1,368	262	280	247	190	131	213	45
	1977	1,127	229	242	208	153	101	161	33
	1962	907	191	197	159	120	83	133	25
	1952	868	175	185	151	118	81	133	25

(Continued)

Table 25-- (continued).

Region and Subregion	Year	Total	Diameter class (cm) 28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
					Million cubic meters				
Rocky Mountains:									
Great Plains	1992	19	3	3	2	2	2	5	2
	1987	17	3	2	2	2	2	4	3
	1977	14	2	2	2	2	1	4	0
	1962	13	2	2	2	1	1	4	0
	1952	12	1	2	2	2	1	4	0
Intermountain	1992	43	16	11	6	3	2	3	1
	1987	43	16	11	6	3	2	3	1
	1977	34	13	8	5	3	2	2	0
	1962	33	12	8	5	3	2	3	0
	1952	31	10	7	5	3	2	3	1
Rocky Mountains Total:	1992	63	19	14	9	6	5	8	3
	1987	60	18	13	8	5	4	7	4
	1977	48	15	10	7	5	3	7	1
	1962	46	13	10	7	5	3	7	1
	1952	43	12	9	7	5	3	6	1
Pacific Coast:									
Alaska	1992	28	7	5	5	3	2	4	1
	1987	27	7	5	5	3	2	4	1
	1977	34	5	6	5	4	3	7	4
	1962	35	5	6	5	4	3	7	4
	1952	35	5	6	5	4	3	7	5
Pacific Northwest	1992	145	34	28	24	19	11	21	7
	1987	132	30	30	23	17	10	17	5
	1977	118	23	23	18	15	11	21	7
	1962	110	19	19	16	13	10	22	9
	1952	83	15	15	11	10	8	17	7

(Continued)

Table 25-- (continued).

Region and Subregion	Year	Total	Diameter class (cm) 28 to 33	33 to 38	38 to 43	43 to 48	48 to 53	53 to 73	73+
						Million cubic meters			
Pacific Southwest	1992	76	10	10	9	9	7	20	11
	1987	83	10	11	10	9	7	22	13
	1977	32	3	4	4	3	3	9	5
	1962	22	2	3	2	3	2	6	5
	1952	22	2	2	2	2	2	6	5
Pacific Coast Total:	1992	249	51	43	39	30	21	46	19
	1987	243	47	45	39	29	19	43	20
	1977	184	32	32	28	23	17	37	16
	1962	167	27	28	24	20	16	35	18
	1952	140	22	23	19	16	13	29	17
United States:	1992	3,289	688	673	567	433	305	501	122
	1987	2,828	630	596	493	365	246	400	100
	1977	2,211	517	486	389	278	185	291	65
	1962	1,784	408	383	301	223	155	257	58
	1952	1,625	346	339	273	210	146	254	58

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from total volume by State in other tables because of rounding.

Table 26--Net volume of softwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 1992

Subregion and diameter class (in cm)	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
					Million cubic meters					
Northeast:										
13 - 18	138	0	2	5	15	0	87	17	0	12
18 - 23	190	0	3	10	26	0	109	26	0	17
23 - 28	181	0	3	11	33	0	89	28	0	16
28 - 33	147	0	4	8	37	0	55	31	0	13
33 - 38	103	0	3	5	31	0	29	26	0	9
38 - 43	69	0	2	2	27	0	14	20	0	5
43 - 48	44	0	1	1	21	0	6	13	0	2
48 - 53	28	0	1	0	15	0	3	8	0	1
53 - 73	42	0	0	0	27	0	2	11	0	1
73 +	8	0	0	0	6	0	0	1	0	0
Total	950	0	19	43	238	0	394	180	0	76
North Central:										
13 - 18	100	0	3	2	18	10	36	1	0	31
18 - 23	116	0	4	2	28	14	34	1	0	32
23 - 28	90	0	5	2	20	13	24	2	0	25
28 - 33	61	0	4	1	15	8	15	3	0	15
33 - 38	40	0	3	1	12	3	8	4	0	9
38 - 43	27	0	1	0	10	1	5	4	0	5
43 - 48	20	0	1	0	10	0	3	4	0	2
48 - 53	15	0	0	0	9	0	1	3	0	1
53 - 73	21	0	0	0	14	0	1	5	0	1
73 +	4	0	0	0	3	0	0	1	0	0
Total	492	0	20	9	137	50	127	27	1	121
Southeast:										
13 - 18	175	51	75	30	3	0	0	1	12	3
18 - 23	266	70	122	48	4	0	0	1	17	3
23 - 28	277	64	134	51	5	0	0	1	20	2
28 - 33	237	54	122	36	5	0	0	1	18	1
33 - 38	186	42	100	20	6	0	0	1	16	1
38 - 43	129	25	74	10	5	0	0	1	12	1
43 - 48	82	12	50	4	5	0	0	1	9	0
48 - 53	50	6	30	2	4	0	0	1	7	0
53 - 73	59	4	30	2	8	0	0	2	13	0
73 +	9	0	2	0	1	0	0	1	4	0
Total	1,470	327	739	205	46	0	1	12	128	12
South Central:										
13 - 18	120	13	89	9	0	0	0	0	1	7
18 - 23	198	21	149	17	1	0	0	1	3	7
23 - 28	224	25	174	16	1	0	0	1	4	4
28 - 33	241	27	188	14	1	0	0	1	6	3
33 - 38	217	22	174	10	1	0	0	1	8	2
38 - 43	164	15	133	5	1	0	0	1	9	1
43 - 48	112	7	92	3	1	0	0	1	8	0
48 - 53	70	3	57	2	1	0	0	0	5	0
53 - 73	88	2	70	3	2	0	0	1	11	0
73 +	9	0	5	0	0	0	0	0	4	0
Total	1,443	135	1,130	80	8	0	0	6	60	25
Great Plains:										
13 - 18	5	0	0	0	0	0	0	0	0	5
18 - 23	8	0	0	0	0	0	0	0	0	8
23 - 28	10	0	0	0	0	0	0	0	0	9
28 - 33	10	0	0	0	0	0	0	0	0	9
33 - 38	8	0	0	0	0	0	0	0	0	8
38 - 43	6	0	0	0	0	0	0	0	0	6
43 - 48	4	0	0	0	0	0	0	0	0	4
48 - 53	2	0	0	0	0	0	0	0	0	2
53 - 73	2	0	0	0	0	0	0	0	0	2
73 +	0	0	0	0	0	0	0	0	0	0
Total	55	0	0	0	0	0	2	0	0	53
Eastern Total:										
13 - 18	537	63	169	46	36	10	123	19	13	58
18 - 23	778	91	278	77	58	14	143	28	21	66
23 - 28	782	89	315	79	58	13	114	32	24	57
28 - 33	697	81	318	60	57	8	70	36	24	42
33 - 38	554	64	279	37	50	3	37	31	24	28
38 - 43	395	40	210	19	44	1	19	26	21	17
43 - 48	262	19	143	9	37	0	9	18	17	9
48 - 53	165	9	88	5	28	0	5	13	12	5
53 - 73	212	6	101	5	50	0	3	19	24	4
73 +	29	0	6	0	11	0	0	3	8	0
Total	4,410	462	1,908	337	429	50	524	226	189	286

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 27--Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 1992

Subregion and diameter class (in cm)	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
					Million cubic meters					
Northeast:										
13 - 18	238	9	11	8	8	8	9	27	60	14
18 - 23	391	16	23	19	16	14	15	48	89	20
23 - 28	442	21	31	24	21	16	18	53	89	23
28 - 33	391	19	36	20	20	14	15	49	71	23
33 - 38	327	18	34	17	21	11	11	42	52	20
38 - 43	244	15	30	13	17	7	9	29	33	15
43 - 48	166	10	23	8	12	4	5	20	21	11
48 - 53	108	7	16	5	10	3	3	13	12	7
53 - 73	157	11	27	8	15	2	6	20	17	10
73 +	32	3	7	1	3	0	1	4	4	1
Total	2,497	129	237	124	141	79	93	306	449	146
North Central:										
13 - 18	221	12	6	5	9	11	1	30	32	2
18 - 23	274	18	12	7	14	16	2	30	29	2
23 - 28	312	24	18	7	20	17	3	32	27	3
28 - 33	286	26	21	8	23	16	2	27	21	3
33 - 38	237	28	20	7	23	13	2	22	16	3
38 - 43	181	26	17	5	19	10	2	18	12	3
43 - 48	134	21	14	3	14	7	2	15	10	3
48 - 53	91	15	11	2	10	4	1	10	7	3
53 - 73	148	26	21	2	17	4	2	14	13	5
73 +	37	7	6	0	3	0	0	2	4	1
Total	1,922	204	147	47	153	98	18	200	171	27
Southeast:										
13 - 18	164	13	4	10	26	9	0	1	22	2
18 - 23	231	20	5	19	40	13	0	2	26	2
23 - 28	270	26	7	21	46	16	0	2	24	3
28 - 33	284	29	10	21	48	15	0	1	23	3
33 - 38	270	29	11	20	45	16	0	1	18	4
38 - 43	226	24	12	18	37	12	0	1	14	4
43 - 48	170	18	10	14	30	8	0	1	11	3
48 - 53	117	12	9	10	20	5	0	1	7	3
53 - 73	182	19	17	20	34	8	0	1	8	4
73 +	38	4	4	7	8	1	0	0	1	1
Total	1,951	193	88	158	334	103	2	12	154	28
South Central:										
13 - 18	189	19	5	17	26	19	0	4	12	1
18 - 23	283	30	10	28	46	30	0	6	12	2
23 - 28	337	37	13	33	60	37	0	7	11	3
28 - 33	312	38	15	30	59	36	0	6	8	3
33 - 38	304	37	16	27	63	30	0	6	6	5
38 - 43	247	30	15	22	53	21	0	4	5	5
43 - 48	186	23	13	15	44	14	0	3	3	5
48 - 53	130	15	11	11	31	9	0	2	3	4
53 - 73	200	20	21	17	50	12	0	2	3	10
73 +	40	3	5	3	11	2	0	0	1	2
Total	2,228	252	122	204	444	212	0	40	63	42
Great Plains:										
13 - 18	5	1	0	0	0	0	0	0	0	0
18 - 23	5	1	0	0	0	0	0	0	0	0
23 - 28	5	1	0	0	0	0	0	0	0	0
28 - 33	5	1	0	0	0	0	0	0	0	0
33 - 38	4	1	0	0	0	0	0	0	0	0
38 - 43	3	0	0	0	0	0	0	0	0	0
43 - 48	4	0	0	0	0	0	0	0	0	0
48 - 53	3	0	0	0	0	0	0	0	0	0
53 - 73	9	1	0	0	0	0	0	0	0	0
73 +	6	1	0	0	0	0	0	0	0	0
Total	49	6	2	1	1	2	0	0	1	0
Eastern Total:										
13 - 18	818	54	26	41	69	47	11	62	127	18
18 - 23	1,184	86	50	72	115	73	18	87	157	27
23 - 28	1,366	109	69	85	147	88	21	94	151	32
28 - 33	1,278	112	82	79	150	81	18	83	123	33
33 - 38	1,141	112	81	70	151	70	14	71	93	31
38 - 43	901	95	74	58	127	51	11	53	64	27
43 - 48	660	73	60	40	100	33	7	39	45	22
48 - 53	450	49	46	28	71	21	5	26	28	17
53 - 73	695	77	86	47	116	26	8	37	42	30
73 +	153	17	23	12	26	4	1	7	9	6
Total	8,647	784	596	534	1,073	495	114	559	838	242

(Continued)

Table 27-- (continued).

Subregion and diameter class (in cm)	Sweet-gum	Tupelo and black gum	Ash	Bass-wood	Yellow-poplar	Cotton-wood and aspen	Black walnut	Black cherry	Other eastern hard-woods
				Million cubic meters					
Northeast:									
13 - 18	2	3	13	2	4	14	1	10	36
18 - 23	2	3	20	5	9	24	1	16	50
23 - 28	3	3	23	6	14	26	1	22	47
28 - 33	2	2	21	7	18	19	1	21	32
33 - 38	3	2	17	7	20	11	1	19	21
38 - 43	2	2	13	5	20	6	1	15	13
43 - 48	1	1	8	4	17	2	1	10	8
48 - 53	1	1	5	2	12	1	0	6	4
53 - 73	1	1	6	2	16	1	0	8	6
73 +	0	0	1	0	3	0	0	1	1
Total	16	17	126	41	133	104	8	128	218
North Central:									
13 - 18	0	0	20	5	2	39	1	5	41
18 - 23	0	0	21	9	3	52	3	7	47
23 - 28	0	0	20	13	4	68	4	7	44
28 - 33	1	0	18	14	5	61	3	6	31
33 - 38	1	1	14	11	5	42	4	4	22
38 - 43	1	0	9	7	6	24	3	3	15
43 - 48	0	0	7	5	5	12	2	2	11
48 - 53	1	0	4	3	4	6	1	1	8
53 - 73	0	0	6	4	7	10	1	1	13
73 +	0	0	1	1	1	6	0	0	4
Total	4	4	120	73	42	320	21	37	236
Southeast:									
13 - 18	24	21	4	0	13	0	0	2	14
18 - 23	30	27	6	1	19	0	1	1	19
23 - 28	35	31	7	1	28	0	1	1	21
28 - 33	34	34	8	2	35	0	1	1	18
33 - 38	30	31	7	1	40	0	1	1	16
38 - 43	22	24	6	2	36	0	1	0	12
43 - 48	14	18	4	1	28	0	1	0	9
48 - 53	9	11	3	1	20	0	0	0	6
53 - 73	12	17	4	1	27	0	0	0	9
73 +	1	4	1	0	3	0	0	0	1
Total	212	218	50	9	249	3	5	7	125
South Central:									
13 - 18	28	10	7	0	7	0	1	2	28
18 - 23	40	16	10	1	12	1	2	2	34
23 - 28	47	20	11	1	17	1	2	2	34
28 - 33	37	17	10	1	21	1	2	1	28
33 - 38	34	18	9	1	23	1	1	1	25
38 - 43	24	13	8	1	22	2	1	1	19
43 - 48	16	9	6	1	17	2	1	1	15
48 - 53	11	4	4	1	12	2	0	0	11
53 - 73	13	6	6	1	15	5	0	0	17
73 +	2	1	1	0	2	3	0	0	3
Total	254	115	72	8	149	18	10	11	215
Great Plains:									
13 - 18	0	0	0	0	0	1	0	0	2
18 - 23	0	0	1	0	0	1	0	0	2
23 - 28	0	0	1	0	0	1	0	0	2
28 - 33	0	0	1	0	0	1	0	0	1
33 - 38	0	0	0	0	0	1	0	0	1
38 - 43	0	0	0	0	0	1	0	0	1
43 - 48	0	0	0	0	0	1	0	0	1
48 - 53	0	0	0	0	0	1	0	0	1
53 - 73	0	0	1	0	0	3	0	0	2
73 +	0	0	0	0	0	4	0	0	1
Total	0	0	4	1	0	13	3	0	14
Eastern Total:									
13 - 18	54	34	45	8	25	54	3	19	121
18 - 23	73	46	58	16	43	77	6	27	152
23 - 28	85	54	62	21	63	96	8	33	148
28 - 33	75	54	58	24	79	82	8	28	110
33 - 38	67	51	48	21	88	56	8	25	85
38 - 43	48	39	36	15	85	32	5	20	60
43 - 48	32	28	26	10	66	18	4	13	44
48 - 53	22	16	17	7	47	10	2	8	29
53 - 73	27	24	22	8	66	19	2	10	48
73 +	4	6	4	1	9	13	0	2	11
Total	486	352	373	132	573	458	47	183	808

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 28--Net volume of softwood sawtimber on timberland in the Eastern United States by species, subregion, and diameter class, 1992

Subregion and diameter class (in cm)	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
					Million cubic meters					
Northeast:										
23 - 28	73	0	1	4	13	0	38	11	0	5
28 - 33	70	0	2	4	17	0	28	14	0	5
33 - 38	53	0	2	3	16	0	16	13	0	4
38 - 43	37	0	1	1	15	0	8	10	0	2
43 - 48	25	0	1	1	12	0	4	7	0	1
48 - 53	16	0	0	0	9	0	2	5	0	1
53 - 73	25	0	0	0	16	0	1	7	0	0
73 +	5	0	0	0	4	0	0	1	0	0
Total	303	0	7	13	102	0	98	66	0	18
North Central:										
23 - 28	54	0	3	1	13	8	13	1	0	15
28 - 33	38	0	3	1	10	5	9	2	0	9
33 - 38	25	0	2	1	8	2	5	2	0	6
38 - 43	17	0	1	0	7	1	3	2	0	3
43 - 48	13	0	0	0	7	0	2	2	0	1
48 - 53	10	0	0	0	6	0	1	2	0	1
53 - 73	15	0	0	0	10	0	1	3	0	1
73 +	3	0	0	0	2	0	0	0	0	0
Total	174	0	9	3	62	16	33	14	0	36
Southeast:										
23 - 28	123	30	59	23	2	0	0	1	8	1
28 - 33	130	31	68	19	3	0	0	1	9	1
33 - 38	116	27	63	12	3	0	0	1	9	1
38 - 43	88	18	51	7	4	0	0	1	7	0
43 - 48	59	9	37	3	4	0	0	1	5	0
48 - 53	38	5	23	2	3	0	0	1	5	0
53 - 73	47	3	25	2	6	0	0	1	9	0
73 +	7	0	1	0	1	0	0	1	3	0
Total	608	122	328	67	25	0	0	6	55	3
South Central:										
23 - 28	120	13	94	8	0	0	0	0	2	2
28 - 33	154	18	122	8	0	0	0	0	3	1
33 - 38	149	15	121	6	0	0	0	0	5	1
38 - 43	117	11	96	4	1	0	0	0	5	0
43 - 48	82	5	67	2	1	0	0	0	5	0
48 - 53	52	3	43	2	1	0	0	0	3	0
53 - 73	65	2	53	2	1	0	0	1	7	0
73 +	7	0	4	0	0	0	0	0	3	0
Total	745	66	601	32	4	0	0	3	33	5
Great Plains:										
23 - 28	4	0	0	0	0	0	0	0	0	3
28 - 33	5	0	0	0	0	0	0	0	0	5
33 - 38	5	0	0	0	0	0	0	0	0	5
38 - 43	4	0	0	0	0	0	0	0	0	4
43 - 48	3	0	0	0	0	0	0	0	0	3
48 - 53	2	0	0	0	0	0	0	0	0	2
53 - 73	1	0	0	0	0	0	0	0	0	1
73 +	0	0	0	0	0	0	0	0	0	0
Total	24	0	0	0	0	0	1	0	0	23
Eastern Total:										
23 - 28	372	43	158	36	28	8	52	12	9	27
28 - 33	397	49	194	32	30	5	37	16	12	22
33 - 38	348	42	188	22	28	2	21	16	13	16
38 - 43	263	28	149	12	26	1	11	14	12	10
43 - 48	182	14	105	6	23	0	6	10	11	6
48 - 53	117	7	67	4	18	0	3	7	8	3
53 - 73	153	5	79	4	33	0	2	12	16	3
73 +	21	0	5	0	7	0	0	2	6	0
Total	1,854	189	945	115	193	16	132	89	88	86

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 29--Net volume of hardwood sawtimber on timberland in the Eastern United States by species, subregion, and diameter class, 1992

Subregion and diameter class (in cm)	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
					Million cubic meters					
Northeast:										
28 - 33	178	9	16	9	9	6	7	22	32	11
33 - 38	165	9	17	8	10	6	6	21	26	11
38 - 43	131	8	16	7	9	4	4	15	17	9
43 - 48	94	6	13	4	7	3	3	11	12	7
48 - 53	64	4	9	3	6	2	2	7	7	5
53 - 73	98	7	17	5	9	2	4	12	10	6
73 +	22	2	5	1	2	0	1	2	2	1
Total	750	45	92	36	51	22	26	92	106	49
North Central:										
28 - 33	162	15	12	5	13	9	1	15	13	2
33 - 38	139	17	12	4	13	8	1	13	10	2
38 - 43	107	15	10	3	12	6	1	11	7	2
43 - 48	80	12	9	2	9	4	1	9	6	2
48 - 53	54	9	7	1	6	2	1	6	4	2
53 - 73	87	15	13	1	10	2	1	9	7	3
73 +	21	4	4	0	2	0	0	1	2	1
Total	651	86	66	16	64	32	7	64	49	13
Southeast:										
28 - 33	122	12	4	9	21	7	0	1	9	1
33 - 38	136	14	5	10	23	8	0	1	9	2
38 - 43	127	14	6	10	21	7	0	1	7	2
43 - 48	103	11	6	8	18	5	0	1	6	2
48 - 53	75	8	5	6	13	4	0	0	4	1
53 - 73	125	13	11	13	24	5	0	1	5	2
73 +	29	3	3	5	7	1	0	0	1	0
Total	716	74	40	59	128	36	1	4	41	11
South Central:										
28 - 33	156	19	8	15	30	18	0	3	4	2
33 - 38	177	21	9	16	37	18	0	3	3	3
38 - 43	154	19	9	14	34	14	0	2	3	3
43 - 48	121	15	8	10	29	9	0	2	2	3
48 - 53	87	10	7	7	21	6	0	1	2	3
53 - 73	138	14	15	11	35	9	0	1	2	7
73 +	28	2	4	2	8	2	0	0	0	2
Total	860	100	60	75	193	76	0	12	15	22
Great Plains:										
28 - 33	3	0	0	0	0	0	0	0	0	0
33 - 38	3	0	0	0	0	0	0	0	0	0
38 - 43	2	0	0	0	0	0	0	0	0	0
43 - 48	2	0	0	0	0	0	0	0	0	0
48 - 53	2	0	0	0	0	0	0	0	0	0
53 - 73	5	1	0	0	0	0	0	0	0	0
73 +	2	0	0	0	0	0	0	0	0	0
Total	19	3	1	0	0	1	0	0	1	0
Eastern Total:										
28 - 33	621	56	40	37	73	41	8	40	58	16
33 - 38	619	62	44	37	84	39	7	37	47	17
38 - 43	521	56	42	33	76	30	6	29	35	15
43 - 48	400	44	36	24	62	21	4	22	25	13
48 - 53	282	30	28	17	46	14	3	16	16	10
53 - 73	452	49	55	30	78	18	5	23	25	19
73 +	102	11	15	9	18	3	1	4	5	4
Total	2,996	308	259	187	436	166	34	173	212	94

(Continued)

Table 29-- (continued).

Subregion and diameter class (in cm)	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow-poplar	Cotton-wood and aspen	Black walnut	Black cherry	Other eastern hard-woods
				Million cubic meters					
Northeast:									
28 - 33	1	1	10	3	8	9	1	9	14
33 - 38	1	1	9	4	10	6	1	10	10
38 - 43	1	1	7	3	11	3	0	8	7
43 - 48	1	0	4	2	10	1	0	6	4
48 - 53	0	0	3	1	8	1	0	4	2
53 - 73	0	1	3	1	11	0	0	5	3
73 +	0	0	1	0	3	0	0	1	1
Total	5	4	36	15	61	21	2	44	43
North Central:									
28 - 33	0	0	11	8	3	33	2	3	17
33 - 38	0	0	8	6	3	24	2	3	12
38 - 43	0	0	5	4	4	14	1	2	8
43 - 48	0	0	4	3	3	8	1	1	6
48 - 53	0	0	3	2	2	4	1	1	4
53 - 73	0	0	3	3	5	6	0	1	8
73 +	0	0	1	0	0	3	0	0	2
Total	2	1	35	27	20	93	8	10	58
Southeast:									
28 - 33	15	14	3	1	16	0	0	0	8
33 - 38	16	15	4	1	22	0	0	0	8
38 - 43	13	13	3	1	22	0	0	0	6
43 - 48	9	11	2	0	18	0	0	0	5
48 - 53	7	7	2	0	14	0	0	0	3
53 - 73	9	11	3	0	21	0	0	0	6
73 +	1	4	0	0	3	0	0	0	1
Total	69	74	17	4	116	1	2	1	37
South Central:									
28 - 33	18	8	5	1	10	1	1	1	14
33 - 38	21	10	5	1	13	1	1	1	14
38 - 43	16	8	5	1	14	1	1	1	12
43 - 48	11	5	4	0	11	1	0	0	10
48 - 53	8	3	3	0	8	1	0	0	7
53 - 73	10	4	4	1	11	4	0	0	12
73 +	1	1	0	0	1	2	0	0	2
Total	85	38	26	3	68	11	3	3	70
Great Plains:									
28 - 33	0	0	110	25	0	113	70	0	239
33 - 38	0	0	96	27	0	126	77	1	221
38 - 43	0	0	73	18	0	108	77	2	174
43 - 48	0	0	74	12	0	153	37	1	195
48 - 53	0	0	52	10	0	153	33	1	211
53 - 73	0	0	96	7	0	509	28	0	400
73 +	0	0	8	1	0	374	3	0	101
Total	0	0	508	100	0	1,536	326	4	1,542
Eastern Total:									
28 - 33	35	23	29	13	37	43	4	14	53
33 - 38	38	26	26	12	49	32	4	13	45
38 - 43	30	22	20	9	51	19	3	11	34
43 - 48	21	17	15	6	43	11	2	7	26
48 - 53	15	10	10	4	32	7	1	5	18
53 - 73	19	16	13	5	47	12	1	6	30
73 +	3	4	2	1	7	7	0	1	7
Total	161	117	116	50	266	132	16	58	213

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 30--Net volume of growing stock on timberland in the Western United States by species, subregion, and diameter class, 1992

Subregion and diameter class (in cm)	All species	Softwoods								
		Total soft-woods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
					Million cubic meters					
Intermountain:										
13 - 18	278	241	38	23	45	2	0	1	0	0
18 - 23	398	353	60	37	56	3	0	2	0	0
23 - 28	435	390	74	50	58	3	0	3	0	0
28 - 33	396	369	80	57	58	4	0	4	0	0
33 - 38	332	315	76	57	48	4	0	4	0	0
38 - 43	271	260	69	50	40	3	0	4	0	0
43 - 48	211	205	56	41	30	2	0	4	0	0
48 - 53	164	160	48	33	24	3	0	4	0	0
53 - 73	371	365	102	86	48	6	0	12	0	0
73 +	161	159	39	41	26	3	0	5	0	0
Total	3,016	2,817	641	476	433	33	0	41	0	0
Alaska:										
13 - 18	42	23	0	0	0	5	0	0	0	2
18 - 23	82	53	0	0	0	9	0	0	0	4
23 - 28	83	64	0	0	0	13	0	0	0	7
28 - 33	83	67	0	0	0	16	0	0	0	8
33 - 38	76	67	0	0	0	19	0	0	0	11
38 - 43	69	59	0	0	0	19	0	0	0	14
43 - 48	69	63	0	0	0	22	0	0	0	19
48 - 53	60	56	0	0	0	25	0	0	0	15
53 - 73	202	195	0	0	0	92	0	0	0	60
73 +	236	235	0	0	0	100	0	0	0	105
Total	1,001	881	0	0	0	319	0	0	0	245
Pacific Northwest:										
13 - 18	138	118	36	9	17	18	0	1	0	1
18 - 23	209	176	65	12	25	34	0	1	0	1
23 - 28	280	233	96	16	29	48	0	2	0	2
28 - 33	336	278	125	19	34	59	0	2	0	2
33 - 38	312	270	131	21	31	53	0	2	0	3
38 - 43	294	259	133	21	28	48	0	2	0	3
43 - 48	269	242	124	20	28	44	0	2	0	2
48 - 53	232	215	112	20	26	34	1	1	0	2
53 - 73	650	618	327	55	73	99	3	5	0	7
73 +	808	796	460	62	74	100	10	4	2	24
Total	3,527	3,204	1,608	255	365	536	15	21	3	48
Pacific Southwest:										
13 - 18	43	27	9	6	8	0	1	0	1	0
18 - 23	62	42	10	10	14	0	1	0	2	0
23 - 28	74	53	14	12	17	0	1	0	3	0
28 - 33	92	68	17	14	22	0	2	0	5	0
33 - 38	96	74	17	16	26	0	2	0	6	0
38 - 43	99	80	20	19	24	0	3	0	7	0
43 - 48	103	86	20	18	27	0	3	0	10	0
48 - 53	93	79	19	18	22	0	4	0	11	0
53 - 73	350	311	73	65	91	0	16	3	39	0
73 +	619	598	194	94	152	0	60	5	59	0
Total	1,631	1,419	392	271	402	1	92	10	143	1
Western Total:										
13 - 18	500	410	83	37	71	25	1	2	1	2
18 - 23	751	625	135	59	95	46	1	3	2	5
23 - 28	872	740	184	78	104	64	2	4	3	9
28 - 33	907	782	221	90	114	79	2	6	5	10
33 - 38	817	726	223	95	104	76	2	6	6	14
38 - 43	733	658	221	89	93	69	3	6	7	17
43 - 48	651	596	200	79	85	68	3	6	11	22
48 - 53	549	510	178	71	71	62	4	5	11	18
53 - 73	1,572	1,488	502	206	212	197	18	20	40	68
73 +	1,824	1,786	693	197	252	202	70	15	61	129
Total	9,176	8,322	2,640	1,002	1,200	888	107	72	146	294

(Continued)

Table 30-- (continued).

Subregion and diameter class (in cm)	Softwoods - continued						Hardwoods				
	Engelmann and other spruces	Western larch	Incense cedar[a]	Lodgepole pine	Western redcedar[b]	Other western soft-woods	Total hard-woods[c]	Cotton-wood and aspen	Red alder	Oak	Other western hard-woods
					Million cubic meters						
Intermountain:											
13 - 18	16	5	0	102	2	6	37	33	0	4	0
18 - 23	29	9	0	145	3	9	44	42	0	2	0
23 - 28	40	12	0	137	3	11	44	43	0	2	0
28 - 33	47	12	0	93	3	11	27	26	0	1	0
33 - 38	46	11	0	56	3	10	17	16	0	1	0
38 - 43	46	9	0	29	2	8	10	9	0	1	0
43 - 48	41	8	0	12	2	8	6	5	0	1	0
48 - 53	29	7	0	5	1	6	4	4	0	1	0
53 - 73	66	20	0	3	4	18	6	5	0	1	0
73 +	18	11	0	0	1	14	2	2	0	0	0
Total	380	106	0	583	23	101	199	184	0	14	1
Alaska:											
13 - 18	14	0	0	0	0	2	18	7	0	0	0
18 - 23	36	0	0	0	1	4	29	10	0	0	2
23 - 28	37	0	0	0	1	6	19	6	0	0	1
28 - 33	34	0	0	0	1	8	16	6	0	0	1
33 - 38	24	0	0	0	2	10	9	4	0	0	3
38 - 43	14	0	0	0	2	10	10	5	0	0	2
43 - 48	8	0	0	0	2	11	5	3	0	0	0
48 - 53	2	0	0	0	3	10	4	4	0	0	0
53 - 73	1	0	0	0	10	31	7	6	0	0	0
73 +	0	0	0	0	13	17	2	2	0	0	0
Total	171	0	0	1	37	108	120	53	1	0	66
Pacific Northwest:											
13 - 18	1	3	1	27	2	3	20	0	11	1	7
18 - 23	2	5	1	25	2	4	32	1	22	1	8
23 - 28	3	6	1	24	3	5	47	2	33	2	11
28 - 33	3	6	0	18	3	7	58	2	42	2	12
33 - 38	3	5	0	12	3	6	43	1	30	2	9
38 - 43	3	5	1	6	4	6	35	2	24	1	8
43 - 48	3	5	0	4	3	6	27	2	17	2	7
48 - 53	3	4	1	2	3	6	17	2	8	1	6
53 - 73	6	11	1	1	10	19	32	5	12	2	13
73 +	3	5	2	0	25	26	13	3	1	1	8
Total	30	55	8	120	56	87	323	19	200	16	88
Pacific Southwest:											
13 - 18	0	0	2	1	0	0	15	0	0	8	7
18 - 23	0	0	3	2	0	0	20	0	1	11	9
23 - 28	0	0	3	2	0	0	21	0	1	12	9
28 - 33	0	0	4	3	0	0	24	0	0	11	12
33 - 38	0	0	4	3	0	1	21	0	0	12	9
38 - 43	0	0	4	3	0	1	19	0	0	9	9
43 - 48	0	0	4	3	1	1	17	0	0	9	8
48 - 53	0	0	4	2	0	0	14	0	0	7	6
53 - 73	0	0	15	6	1	2	39	0	0	23	16
73 +	0	0	26	3	1	2	21	0	0	12	9
Total	0	0	68	26	5	7	212	0	4	114	94
Western Total:											
13 - 18	32	8	3	130	5	10	91	40	12	13	26
18 - 23	67	14	3	172	6	17	126	53	23	14	37
23 - 28	80	17	4	163	7	21	132	51	34	15	32
28 - 33	85	18	4	114	7	26	125	34	43	15	33
33 - 38	73	17	4	71	8	27	91	21	30	15	24
38 - 43	63	15	4	39	8	25	75	16	25	12	22
43 - 48	52	13	4	19	8	25	55	10	17	12	17
48 - 53	34	11	4	9	8	22	39	9	8	9	13
53 - 73	74	31	16	11	24	71	84	16	12	26	29
73 +	21	15	28	4	40	59	37	6	1	14	16
Total	582	161	75	730	121	303	854	256	205	144	249

[a] Western redcedar volume in Oregon for National Forest lands may include some incense cedar.

[b] Western redcedar volume may be included in other western softwood volume. Western redcedar volume in Oregon for National Forest lands may include some incense cedar.

[c] Estimates of hardwood volume are not available for most National Forests in Oregon and Washington.

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 31--Net volume of sawtimber on timberland in the Western United States by species, subregion, and diameter class, 1992

Subregion and diameter class (in cm)	All species	Softwoods								
		Total soft-woods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
					Million cubic meters					
Intermountain:										
23 - 28	182	182	33	19	28	1	0	1	0	0
28 - 33	231	214	45	29	35	2	0	2	0	0
33 - 38	205	194	46	35	30	2	0	2	0	0
38 - 43	173	167	44	33	25	2	0	3	0	0
43 - 48	139	136	37	29	19	1	0	2	0	0
48 - 53	110	107	31	24	15	2	0	2	0	0
53 - 73	253	250	68	67	30	3	0	7	0	0
73 +	106	105	26	32	15	1	0	3	0	0
Total	1,399	1,356	329	268	198	16	0	23	0	0
Alaska:										
23 - 28	33	33	0	0	0	4	0	0	0	2
28 - 33	45	38	0	0	0	8	0	0	0	4
33 - 38	43	38	0	0	0	10	0	0	0	6
38 - 43	41	36	0	0	0	11	0	0	0	9
43 - 48	40	37	0	0	0	13	0	0	0	12
48 - 53	37	34	0	0	0	16	0	0	0	10
53 - 73	129	125	0	0	0	59	0	0	0	42
73 +	166	165	0	0	0	66	0	0	0	81
Total	534	507	0	0	0	187	0	0	0	166
Pacific Northwest:										
23 - 28	136	136	56	9	17	27	0	1	0	1
28 - 33	221	187	83	12	22	40	0	1	0	2
33 - 38	224	196	95	15	22	39	0	1	0	2
38 - 43	222	197	102	16	21	37	0	1	0	2
43 - 48	210	191	98	16	22	36	0	1	0	2
48 - 53	186	175	91	17	20	28	0	1	0	2
53 - 73	548	527	278	66	46	84	2	4	0	6
73 +	731	723	409	67	68	95	8	4	1	21
Total	2,478	2,333	1,211	217	237	386	12	15	2	38
Pacific Southwest:										
23 - 28	37	37	10	9	12	0	1	0	2	0
28 - 33	60	50	12	11	17	0	1	0	3	0
33 - 38	66	56	13	12	20	0	2	0	4	0
38 - 43	71	62	15	15	19	0	2	0	5	0
43 - 48	75	67	15	14	21	0	3	0	7	0
48 - 53	69	62	15	14	17	0	3	0	8	0
53 - 73	269	249	60	54	73	0	13	2	29	0
73 +	501	490	159	80	122	0	53	4	47	0
Total	1,149	1,073	299	209	301	1	77	8	103	1
Western Total:										
23 - 28	389	389	99	36	57	33	1	2	2	3
28 - 33	556	489	140	52	74	51	2	4	3	6
33 - 38	539	485	154	62	72	52	2	4	4	8
38 - 43	508	462	161	63	65	50	2	4	5	11
43 - 48	465	431	150	59	62	50	3	4	7	14
48 - 53	402	379	137	56	53	45	3	4	8	12
53 - 73	1,200	1,151	405	187	149	147	15	14	29	48
73 +	1,503	1,483	594	179	205	162	61	11	48	103
Total	5,561	5,268	1,839	694	737	589	89	47	105	205

(Continued)

Table 31-- (continued).

Subregion and diameter class (in cm)	Softwoods - continued						Hardwoods				
	Engelmann and other spruces	Western larch	Incense cedar[a]	Lodgepole pine	Western redcedar[b]	Other western soft-woods	Total hard-woods[c]	Cotton-wood and aspen	Red alder	Oak	Other western hard-woods
					Million cubic meters						
Intermountain:											
23 - 28	20	6	0	68	1	4	0	0	0	0	0
28 - 33	29	8	0	57	1	6	16	16	0	0	0
33 - 38	29	8	0	35	1	5	11	11	0	0	0
38 - 43	30	7	0	18	1	5	6	6	0	0	0
43 - 48	28	6	0	7	1	4	3	3	0	0	0
48 - 53	20	5	0	3	1	3	2	2	0	0	0
53 - 73	48	13	0	2	2	9	3	3	0	0	0
73 +	14	6	0	0	1	6	1	1	0	0	0
Total	218	60	0	191	9	42	43	43	0	0	0
Alaska:											
23 - 28	24	0	0	0	0	2	0	0	0	0	0
28 - 33	22	0	0	0	1	4	7	2	0	0	4
33 - 38	16	0	0	0	1	5	5	2	0	0	3
38 - 43	10	0	0	0	1	5	5	3	0	0	2
43 - 48	5	0	0	0	1	6	3	2	0	0	1
48 - 53	1	0	0	0	2	5	2	2	0	0	0
53 - 73	1	0	0	0	6	17	4	4	0	0	0
73 +	0	0	0	0	8	10	1	1	0	0	0
Total	80	0	0	1	19	54	28	17	0	0	11
Pacific Northwest:											
23 - 28	2	4	0	16	1	2	0	0	0	0	0
28 - 33	2	5	0	13	2	4	34	1	26	1	6
33 - 38	2	4	0	9	2	4	28	1	21	1	6
38 - 43	3	5	0	5	3	4	24	1	18	0	5
43 - 48	3	5	0	3	2	4	19	1	13	1	4
48 - 53	2	4	0	1	2	4	11	1	6	0	3
53 - 73	6	11	1	1	7	14	21	4	9	1	8
73 +	3	5	1	0	21	19	7	2	1	0	4
Total	23	41	4	49	40	56	145	12	93	4	36
Pacific Southwest:											
23 - 28	0	0	2	1	0	0	0	0	0	0	0
28 - 33	0	0	3	2	0	0	10	0	0	5	6
33 - 38	0	0	3	2	0	0	10	0	0	5	5
38 - 43	0	0	3	2	0	0	9	0	0	4	5
43 - 48	0	0	3	2	1	0	9	0	0	4	4
48 - 53	0	0	3	1	0	0	7	0	0	3	3
53 - 73	0	0	11	5	1	1	20	0	0	11	9
73 +	0	0	20	3	1	2	11	0	0	6	5
Total	0	0	47	19	3	5	76	0	1	39	36
Western Total:											
23 - 28	46	10	2	85	3	9	0	0	0	0	0
28 - 33	53	13	3	72	4	14	67	20	26	5	16
33 - 38	48	12	3	46	4	15	54	13	21	6	13
38 - 43	42	11	3	26	5	14	46	11	18	5	12
43 - 48	36	10	3	13	5	15	33	6	13	5	9
48 - 53	24	9	3	6	4	13	23	6	6	4	7
53 - 73	55	24	12	8	15	42	49	12	9	12	16
73 +	17	11	22	4	30	37	20	4	1	6	9
Total	321	101	51	260	72	159	292	72	95	43	83

[a] *Western redcedar volume in Oregon for National Forest lands may include some incense cedar.*

[b] *Western redcedar volume may be included in other western softwood volume. Western redcedar volume in Oregon for National Forest lands may include some incense cedar.*

[c] *Estimates of hardwood volume are not available for most National Forests in Oregon and Washington.*

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 32-- *Annual mortality of growing stock on timberland in the United States by ownership group, region, subregion, and species group, for 1991, 1986, 1976, 1962, and 1952*

Region, Subregion, and State	All owners					National Forest					Other public				
	1991	1986	1976	1962	1952	1991	1986	1976	1962	1952	1991[a]	1986	1976	1962	1952
	Thousand cubic meters														
North:															
Northeast:															
Softwoods	7,953	7,277	5,421	5,094	4,268	180	153	49	118	101	385	421	299	224	196
Hardwoods	14,184	11,836	10,097	8,530	7,024	479	439	306	340	278	1,757	1,448	950	779	622
Total	22,138	19,113	15,517	13,624	11,292	658	592	356	459	379	2,142	1,869	1,249	1,003	818
North Central:															
Softwoods	4,696	3,139	3,758	3,202	1,835	920	561	615	688	459	1,554	1,169	1,045	943	556
Hardwoods	17,561	12,929	13,229	9,780	6,407	1,531	1,246	1,022	848	521	3,331	2,482	2,909	1,893	1,096
Total	22,257	16,068	16,986	12,982	8,241	2,451	1,808	1,637	1,536	980	4,886	3,651	3,954	2,835	1,652
North Total:															
Softwoods	12,649	10,416	9,178	8,296	6,102	1,100	714	664	806	560	1,939	1,590	1,344	1,167	752
Hardwoods	31,745	24,764	23,326	18,310	13,431	2,010	1,685	1,328	1,189	799	5,089	3,930	3,859	2,672	1,718
Total	44,394	35,181	32,504	26,606	19,533	3,110	2,399	1,993	1,995	1,359	7,028	5,519	5,203	3,839	2,470
South:															
Southeast:															
Softwoods	18,087	13,848	11,773	7,364	6,642	2,059	853	607	291	334	1,112	738	525	464	314
Hardwoods	15,321	10,503	8,116	8,518	8,032	1,530	998	689	538	526	521	401	368	266	178
Total	33,408	24,351	19,889	15,882	14,674	3,589	1,851	1,296	829	860	1,633	1,139	893	730	492
South Central:															
Softwoods	12,110	9,946	6,118	3,928	2,793	1,168	835	559	538	343	396	337	198	91	85
Hardwoods	16,971	13,046	10,167	13,284	10,052	1,047	517	410	569	346	1,275	858	512	345	237
Total	29,080	22,992	16,286	17,212	12,845	2,215	1,352	970	1,107	689	1,671	1,195	709	436	321
South Total:															
Softwoods	30,197	23,794	17,891	11,292	9,435	3,226	1,688	1,166	829	677	1,508	1,075	723	555	399
Hardwoods	32,292	23,548	18,283	21,802	18,084	2,577	1,515	1,100	1,107	872	1,796	1,259	880	611	415
Total	62,488	47,342	36,175	33,094	27,519	5,803	3,203	2,266	1,936	1,550	3,304	2,334	1,603	1,166	814
Rocky Mountains:															
Great Plains:															
Softwoods	214	199	112	102	93	*	127	100	91	86	4	1	4	2	2
Hardwoods	549	221	830	727	700	*	2	0	0	0	32	13	124	117	110
Total	764	420	941	829	793	*	129	100	91	86	37	14	128	119	112

(Continued)

Table 32-- (continued).

Region, Subregion, and State	All owners					National Forest					Other public				
	1991	1986	1976	1962	1952	1991	1986	1976	1962	1952	1991[a]	1986	1976	1962	1952
	Thousand cubic meters														
Intermountain:															
Softwoods	16,883	13,807	12,870	16,935	15,998	11,980	10,348	7,655	11,841	10,986	1,411	1,447	1,886	1,865	1,878
Hardwoods	1,821	1,206	1,108	1,101	979	996	627	505	552	487	88	116	190	173	154
Total	18,704	15,013	13,978	18,036	16,977	12,976	10,974	8,160	12,393	11,473	1,499	1,562	2,076	2,037	2,032
Rocky Mountains Total:															
Softwoods	17,097	14,006	12,982	17,037	16,091	12,107	10,474	7,755	11,932	11,072	1,415	1,448	1,890	1,867	1,879
Hardwoods	2,370	1,427	1,938	1,828	1,679	998	628	505	552	487	120	129	314	290	264
Total	19,467	15,433	14,920	18,865	17,770	13,105	11,103	8,260	12,484	11,558	1,536	1,577	2,203	2,157	2,144
Pacific Coast:															
Alaska:															
Softwoods	5,551	4,875	6,045	6,288	6,359	3,499	2,823	4,154	4,645	4,842	671	720	1,805	1,606	1,488
Hardwoods	288	281	266	265	268	12	4	43	46	46	162	162	217	217	219
Total	5,839	5,156	6,311	6,553	6,627	3,511	2,828	4,198	4,690	4,887	833	883	2,022	1,822	1,707
Pacific Northwest:															
Softwoods	13,961	11,946	19,799	25,648	26,956	5,266	5,272	9,246	11,812	11,527	2,541	*	4,873	5,233	5,943
Hardwoods	3,150	1,933	2,032	1,811	1,429	4	4	187	198	173	643	355	337	475	388
Total	17,111	13,879	21,831	27,459	28,385	5,270	5,276	9,432	12,011	11,699	3,184	3,560	5,210	5,708	6,331
Pacific Southwest:															
Softwoods	5,204	7,013	3,897	9,795	10,380	3,053	4,845	2,287	5,606	5,646	122	181	144	362	467
Hardwoods	608	688	192	289	286	86	148	65	198	209	54	68	25	8	8
Total	5,812	7,701	4,089	10,083	10,666	3,139	4,993	2,352	5,804	5,855	176	249	169	371	475
Pacific Coast Total:															
Softwoods	24,715	23,834	29,740	41,731	43,695	11,818	12,940	15,687	22,064	22,014	3,334	4,106	6,823	7,201	7,897
Hardwoods	4,047	2,901	2,490	2,365	1,983	102	156	295	442	428	859	586	578	701	616
Total	28,762	26,735	32,230	44,096	45,678	11,920	13,097	15,982	22,505	22,442	4,193	4,691	7,401	7,901	8,513
United States:															
Softwoods	84,658	72,050	69,792	78,355	75,324	28,251	25,816	25,272	35,631	34,323	8,197	8,219	10,779	10,789	10,928
Hardwoods	70,454	52,641	46,037	44,305	35,176	5,687	3,985	3,229	3,289	2,586	7,864	5,903	5,631	4,273	3,013
Total	155,112	124,691	115,828	122,661	110,501	33,938	29,802	28,501	38,919	36,909	16,061	14,122	16,410	15,063	13,941

(Continued)

Table 32-- (continued).

Region, *Subregion,* and State	Forest industry					Nonindustrial private				
	1991	1986	1976	1962	1952	1991[a]	1986	1976	1962	1952
	Thousand cubic meters									
North:										
Northeast:										
Softwoods	2,811	2,695	1,850	1,281	1,072	4,578	4,009	3,222	3,471	2,899
Hardwoods	1,278	1,299	1,233	941	825	10,670	8,650	7,607	6,469	5,300
Total	4,089	3,993	3,084	2,222	1,896	15,248	12,659	10,829	9,940	8,199
North Central:										
Softwoods	520	375	628	495	235	1,702	1,034	1,470	1,076	585
Hardwoods	903	661	1,243	818	432	11,795	8,539	8,054	6,221	4,357
Total	1,423	1,037	1,871	1,314	668	13,497	9,573	9,524	7,297	4,942
North Total:										
Softwoods	3,330	3,070	2,478	1,776	1,307	6,279	5,043	4,692	4,547	3,484
Hardwoods	2,181	1,960	2,477	1,760	1,257	22,466	17,189	15,661	12,690	9,657
Total	5,512	5,030	4,955	3,536	2,564	28,745	22,232	20,353	17,237	13,141
South:										
Southeast:										
Softwoods	2,560	2,013	1,811	1,421	1,251	12,356	10,244	8,830	5,187	4,743
Hardwoods	2,047	1,616	1,136	1,189	1,240	11,223	7,488	5,923	6,526	6,087
Total	4,607	3,629	2,947	2,609	2,490	23,579	17,732	14,752	11,713	10,830
South Central:										
Softwoods	2,825	2,434	1,838	1,477	1,097	7,721	6,340	3,524	1,823	1,268
Hardwoods	2,312	2,024	1,750	2,323	1,437	12,337	9,647	7,495	10,047	8,033
Total	5,138	4,458	3,588	3,801	2,534	20,057	15,987	11,019	11,869	9,301
South Total:										
Softwoods	5,386	4,447	3,649	2,898	2,347	20,076	16,584	12,353	7,010	6,011
Hardwoods	4,359	3,640	2,886	3,512	2,676	23,559	17,135	13,418	16,572	14,120
Total	9,745	8,086	6,535	6,410	5,024	43,636	33,719	25,771	23,582	20,131
Rocky Mountains:										
Great Plains:										
Softwoods	0	0	1	0	0	83	71	7	8	6
Hardwoods	1	0	0	0	0	515	206	706	610	590
Total	1	0	1	0	0	598	277	712	618	595

(Continued)

Table 32-- (continued).

Region, Subregion, and State	Forest industry					Nonindustrial private				
	1991	1986	1976	1962	1952	1991[a]	1986	1976	1962	1952
	Thousand cubic meters									
Intermountain:										
Softwoods	1,178	784	634	649	628	2,314	1,228	2,696	2,580	2,506
Hardwoods	6	0	10	13	12	730	464	403	363	326
Total	1,184	784	644	663	641	3,044	1,693	3,098	2,943	2,832
Rocky Mountains Total:										
Softwoods	1,178	784	635	650	628	2,397	1,300	2,702	2,588	2,512
Hardwoods	7	0	10	13	12	1,245	670	1,108	974	916
Total	1,185	784	645	663	641	3,642	1,969	3,811	3,561	3,427
Pacific Coast:										
Alaska:										
Softwoods	0	0	0	0	0	1,381	1,331	85	37	30
Hardwoods	0	0	0	0	0	114	114	6	3	3
Total	0	0	0	0	0	1,495	1,445	91	40	33
Pacific Northwest:										
Softwoods	3,059	2,108	3,801	6,294	7,222	3,095	1,362	1,879	2,309	2,264
Hardwoods	1,067	677	724	507	362	1,437	895	784	631	507
Total	4,126	2,785	4,525	6,800	7,584	4,532	2,258	2,663	2,940	2,771
Pacific Southwest:										
Softwoods	995	836	583	1,358	1,514	1,034	1,151	883	2,468	2,754
Hardwoods	178	149	48	42	31	291	323	54	40	37
Total	1,172	985	631	1,401	1,545	1,325	1,474	937	2,507	2,790
Pacific Coast Total:										
Softwoods	4,053	2,944	4,384	7,652	8,736	5,510	3,845	2,847	4,814	5,047
Hardwoods	1,245	827	773	549	393	1,841	1,332	844	674	546
Total	5,298	3,770	5,156	8,201	9,130	7,351	5,177	3,691	5,488	5,593
United States:										
Softwoods	13,947	11,244	11,145	12,976	13,019	34,264	26,771	22,595	18,959	17,055
Hardwoods	7,792	6,427	6,145	5,834	4,339	49,111	36,326	31,031	30,910	25,238
Total	21,739	17,670	17,291	18,810	17,358	83,374	63,097	53,626	49,869	42,293

a Indian lands are included in the Nonindustrial Private owner group for 1991 only. For 1986 and earlier years, these Indian lands may be included in the Other Public owner group.
b Estimates of hardwood mortality are not available for most National Forests in Oregon and Washington.

Note: Data may not add to totals because of rounding.
Note: An "" indicates that the 1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Table 33-- Net annual growth of growing stock on timberland in the United States by ownership group, region, subregion, and species group, for 1991, 1986, 1976, 1962, and 1952

Region, Subregion, and species group	All owners					National Forest					Other public				
	1991	1986	1976	1962	1952	1991	1986	1976	1962	1952	1991[a]	1986	1976	1962	1952
	Thousand cubic meters														
North:															
Northeast:															
Softwoods	20,199	19,859	30,204	23,260	18,469	484	538	520	436	376	1,466	1,515	1,381	896	769
Hardwoods	67,320	63,572	58,654	48,730	38,431	2,490	3,708	3,311	2,491	1,965	5,664	7,501	6,733	5,148	4,026
Total	87,519	83,431	88,858	71,990	56,900	2,975	4,246	3,831	2,926	2,341	7,130	9,016	8,113	6,045	4,795
North Central:															
Softwoods	14,158	16,599	13,895	11,009	9,076	2,387	3,329	2,764	2,078	1,619	3,795	4,764	4,019	3,398	2,611
Hardwoods	50,063	55,959	48,621	42,178	39,201	3,474	4,366	4,492	3,985	3,170	7,634	9,650	8,612	7,628	6,031
Total	64,221	72,558	62,516	53,187	48,277	5,861	7,695	7,256	6,063	4,790	11,429	14,413	12,631	11,026	8,642
North Total:															
Softwoods	34,357	36,459	44,099	34,269	27,544	2,871	3,867	3,283	2,514	1,995	5,261	6,278	5,400	4,294	3,380
Hardwoods	117,383	119,531	107,275	90,922	77,632	5,964	8,074	7,803	6,476	5,136	13,297	17,151	15,345	12,776	10,057
Total	151,741	155,990	151,374	125,177	105,177	8,836	11,941	11,087	8,990	7,131	18,559	23,429	20,745	17,071	13,437
South:															
Southeast:															
Softwoods	67,308	74,204	87,843	60,887	53,035	1,420	2,654	3,877	2,538	2,273	3,739	4,185	4,217	2,384	1,981
Hardwoods	55,038	59,543	61,864	41,546	36,553	3,239	3,942	3,990	2,446	2,072	2,489	2,431	2,009	916	769
Total	122,346	133,747	149,707	102,433	89,587	4,659	6,596	7,867	4,985	4,345	6,227	6,617	6,226	3,301	2,750
South Central:															
Softwoods	77,039	81,412	90,860	72,089	50,017	4,937	6,533	6,943	9,517	5,980	1,473	1,543	2,014	1,633	1,596
Hardwoods	78,857	67,433	79,882	54,511	49,517	4,167	3,807	4,077	3,150	1,904	3,619	2,855	3,076	1,998	1,562
Total	155,896	148,845	170,742	126,600	99,534	9,105	10,340	11,020	12,667	7,883	5,092	4,398	5,090	3,631	3,157
South Total:															
Softwoods	144,347	155,617	178,703	132,975	103,052	6,358	9,187	10,820	12,056	8,253	5,211	5,729	6,230	4,017	3,577
Hardwoods	133,895	126,976	141,746	96,058	86,069	7,407	7,749	8,067	5,596	3,975	6,108	5,286	5,086	2,914	2,331
Total	278,242	282,592	320,449	229,033	189,121	13,764	16,936	18,888	17,652	12,228	11,319	11,015	11,316	6,931	5,908
Rocky Mountains:															
Great Plains:															
Softwoods	1,325	1,342	1,232	861	629	*	934	880	594	416	68	88	84	57	42
Hardwoods	1,453	1,088	1,127	961	863	*	16	19	6	3	76	92	101	83	74
Total	2,777	2,430	2,358	1,822	1,492	*	949	899	600	419	144	180	185	140	116

(Continued)

Table 33-- (continued).

Region, Subregion, and species group	All owners					National Forest					Other public				
	1991	1986	1976	1962	1952	1991	1986	1976	1962	1952	1991[a]	1986	1976	1962	1952
	Thousand cubic meters														
Intermountain:															
Softwoods	54,844	54,037	43,879	34,707	30,499	35,421	35,763	28,679	21,364	19,057	4,769	6,132	4,485	3,921	3,329
Hardwoods	3,844	3,717	2,804	1,865	1,607	1,880	1,603	1,854	1,030	886	416	685	197	175	155
Total	58,688	57,755	46,684	36,572	32,106	37,301	37,366	30,533	22,394	19,943	5,185	6,818	4,681	4,096	3,484
Rocky Mountains Total:															
Softwoods	56,169	55,379	45,111	35,568	31,128	36,355	36,697	29,559	21,958	19,473	4,837	6,220	4,569	3,978	3,371
Hardwoods	5,296	4,805	3,931	2,826	2,471	1,896	1,619	1,873	1,036	889	492	778	297	258	229
Total	61,465	60,184	49,042	38,394	33,598	38,251	38,316	31,432	22,994	20,362	5,329	6,998	4,866	4,236	3,600
Pacific Coast:															
Alaska:															
Softwoods	4,887	2,906	4,599	3,535	2,932	2,416	435	640	448	293	1,922	1,888	3,874	3,042	2,620
Hardwoods	2,744	2,651	193	190	190	115	22	0	0	0	1,565	1,565	187	187	187
Total	7,631	5,557	4,792	3,725	3,122	2,531	457	641	449	294	3,487	3,454	4,061	3,229	2,807
Pacific Northwest:															
Softwoods	72,628	78,787	61,091	51,466	41,672	16,682	16,676	15,248	14,345	12,477	14,064	17,946	13,216	11,425	7,327
Hardwoods[b]	9,560	12,214	11,343	8,555	6,268	12	12	416	419	385	1,770	2,477	2,632	1,633	948
Total	82,188	91,001	72,434	60,021	47,940	16,695	16,688	15,664	14,764	12,862	15,834	20,423	15,848	13,058	8,275
Pacific Southwest:															
Softwoods	26,472	25,169	20,184	14,139	12,565	13,116	11,930	10,287	5,252	4,585	666	713	393	396	396
Hardwoods[c]	4,281	4,438	2,240	2,264	2,123	*	*	456	849	821	363	449	219	142	170
Total	30,753	29,607	22,423	16,403	14,688	13,116	11,930	10,743	6,101	5,405	1,028	1,162	612	538	566
Pacific Coast Total:															
Softwoods	103,987	106,862	85,873	69,140	57,169	32,215	29,041	26,175	20,046	17,355	16,652	20,548	17,483	14,863	10,343
Hardwoods	16,585	19,303	13,775	11,009	8,581	127	34	872	1,268	1,206	3,698	4,491	3,038	1,961	1,305
Total	120,572	126,165	99,649	80,149	65,750	32,341	29,075	27,047	21,314	18,561	20,350	25,038	20,521	16,824	11,648
United States:															
Softwoods	338,860	354,316	353,786	271,952	218,893	77,798	78,792	69,838	56,573	47,076	31,961	38,775	33,682	27,153	20,671
Hardwoods	273,160	270,615	266,728	200,800	174,753	15,394	17,476	18,616	14,376	11,206	23,595	27,706	23,766	17,910	13,921
Total	612,020	624,931	620,514	472,752	393,646	93,192	96,268	88,453	70,949	58,282	55,556	66,481	57,448	45,063	34,593

(Continued)

Table 33-- (continued).

Region, *Subregion*, and species group	Forest industry					Nonindustrial private				
	1991	1986	1976	1962	1952	1991[a]	1986	1976	1962	1952
	Thousand cubic meters									
North:										
Northeast:										
Softwoods	5,324	5,333	10,679	6,682	5,064	12,924	12,474	17,624	15,246	12,260
Hardwoods	6,606	6,510	6,400	4,415	3,639	52,559	45,853	42,210	36,676	28,801
Total	11,931	11,842	17,080	11,096	8,702	65,484	58,327	59,834	51,922	41,062
North Central:										
Softwoods	1,197	1,420	1,559	1,244	1,225	6,779	7,087	5,553	4,290	3,621
Hardwoods	2,513	2,982	3,351	2,838	2,803	36,443	38,961	32,166	27,726	27,196
Total	3,710	4,402	4,910	4,082	4,028	43,222	46,049	37,719	32,016	30,817
North Total:										
Softwoods	6,521	6,752	12,238	7,925	6,289	19,703	19,561	23,177	19,536	15,881
Hardwoods	9,120	9,492	9,751	7,253	6,442	89,002	84,815	74,376	64,402	55,997
Total	15,641	16,244	21,989	15,187	12,731	108,705	104,376	97,553	83,938	71,878
South:										
Southeast:										
Softwoods	21,529	20,513	19,470	11,624	10,601	40,620	46,852	60,279	44,339	38,180
Hardwoods	6,114	6,958	7,330	4,922	4,834	43,197	46,212	48,535	33,262	28,879
Total	27,642	27,470	26,800	16,546	15,434	83,817	93,064	108,814	77,602	67,058
South Central:										
Softwoods	26,138	23,464	25,312	27,491	20,022	44,491	49,872	56,591	33,448	22,420
Hardwoods	11,183	9,837	12,811	8,071	5,740	59,888	50,933	59,917	41,293	40,311
Total	37,321	33,302	38,124	35,562	25,762	104,379	100,805	116,508	74,740	62,731
South Total:										
Softwoods	47,667	43,977	44,783	39,115	30,623	85,112	96,724	116,870	77,787	60,599
Hardwoods	17,296	16,795	20,141	12,993	10,573	103,085	97,145	108,452	74,555	69,190
Total	64,963	60,772	64,924	52,108	41,196	188,196	193,870	225,321	152,342	129,789
Rocky Mountains:										
Great Plains:										
Softwoods	10	10	17	8	7	313	311	250	202	165
Hardwoods	2	0	2	0	0	1,360	980	1,005	871	786
Total	11	10	19	9	7	1,673	1,290	1,256	1,073	951

(Continued)

Table 33-- (continued).

Region, Subregion, and species group	Forest industry					Nonindustrial private				
	1991	1986	1976	1962	1952	1991[a]	1986	1976	1962	1952
	Thousand cubic meters									
Intermountain:										
Softwoods	3,584	3,533	2,916	2,586	2,219	11,069	8,609	7,800	6,836	5,893
Hardwoods	19	28	22	25	19	1,528	1,401	732	635	548
Total	3,604	3,561	2,938	2,611	2,238	12,597	10,010	8,532	7,471	6,442
Rocky Mountains Total:										
Softwoods	3,594	3,543	2,933	2,595	2,225	11,383	8,919	8,050	7,038	6,058
Hardwoods	21	28	24	25	19	2,888	2,381	1,737	1,478	1,335
Total	3,615	3,570	2,957	2,620	2,244	14,271	11,300	9,787	8,544	7,393
Pacific Coast:										
Alaska:										
Softwoods	0	0	0	0	0	549	583	85	44	18
Hardwoods	0	0	0	0	0	1,064	1,064	6	3	3
Total	0	0	0	0	0	1,613	1,646	90	47	21
Pacific Northwest:										
Softwoods	25,598	29,129	19,561	13,134	11,292	16,283	15,036	13,066	12,562	10,576
Hardwoods [b]	3,143	4,360	4,109	2,785	2,131	4,635	5,365	4,186	3,719	2,805
Total	28,741	33,489	23,670	15,919	13,423	20,918	20,400	17,252	16,281	13,380
Pacific Southwest:										
Softwoods	6,899	5,799	3,920	3,056	2,547	5,791	6,727	5,584	5,434	5,037
Hardwoods [c]	1,535	1,290	541	425	311	2,384	2,699	1,025	849	821
Total	8,434	7,089	4,460	3,481	2,858	8,175	9,426	6,608	6,283	5,858
Pacific Coast Total:										
Softwoods	32,497	34,928	23,481	16,190	13,839	22,624	22,345	18,734	18,040	15,631
Hardwoods	4,678	5,651	4,650	3,209	2,442	8,082	9,127	5,216	4,570	3,628
Total	37,175	40,579	28,130	19,400	16,281	30,706	31,473	23,950	22,611	19,259
United States:										
Softwoods	90,279	89,200	83,434	65,825	52,976	138,822	147,549	166,832	122,401	98,170
Hardwoods	31,115	31,965	34,566	23,480	19,476	203,056	193,468	189,780	145,034	130,150
Total	121,394	121,165	118,001	89,305	72,452	341,878	341,018	356,612	267,435	228,320

a Indian lands are included in the Nonindustrial Private owner group for 1991 only. For 1986 and earlier years, these Indian lands may be included in the Other Public owner group.
b Estimates of hardwood growth are not available for most National Forests in Oregon and Washington.
c Estimates of hardwood growth are not available for National Forests in California.

Note: Data may not add to totals because of rounding.
Note: An "" indicates that the 1992 data have not been updated since 1987. See Appendix A of this report for more detail.*

Table 34---Annual removals of growing stock on timberland in the United States by ownership group, region, subregion, and species group, for 1991, 1986, and 1976

Region, Subregion, and species group	All owners			National Forest	Other public	Forest industry	Non-industrial private
	1991	1986	1976	1991	1991	1991	1991
	Thousand cubic meters						
North:							
Northeast:							
Softwoods	14,136	14,739	14,110	210	370	8,966	4,590
Hardwoods	23,196	22,107	22,745	610	1,981	7,245	13,360
Total	37,332	36,845	36,854	820	2,350	16,211	17,950
North Central:							
Softwoods	6,853	5,794	5,477	1,082	1,643	880	3,248
Hardwoods	34,682	34,004	28,273	2,172	4,357	3,382	24,771
Total	41,535	39,797	33,750	3,254	6,000	4,262	28,019
North Total:							
Softwoods	20,989	20,532	19,587	1,292	2,012	9,846	7,838
Hardwoods	57,878	56,110	51,018	2,782	6,338	10,626	38,132
Total	78,867	76,643	70,605	4,074	8,350	20,473	45,969
South:							
Southeast:							
Softwoods	78,145	68,247	57,415	2,386	2,246	24,608	48,905
Hardwoods	39,905	35,681	28,371	1,122	991	8,097	29,695
Total	118,049	103,928	85,786	3,509	3,237	32,705	78,599
South Central:							
Softwoods	86,512	82,226	68,137	5,447	1,295	35,978	43,791
Hardwoods	48,788	46,010	35,084	1,582	1,258	13,594	32,354
Total	135,300	128,235	103,221	7,030	2,553	49,572	76,146
South Total:							
Softwoods	164,656	150,473	125,552	7,834	3,541	60,586	92,696
Hardwoods	88,693	81,691	63,455	2,705	2,249	21,690	62,049
Total	253,349	232,164	189,007	10,538	5,790	82,276	154,745
Rocky Mountains:							
Great Plains:							
Softwoods	981	730	603	659	0	0	321
Hardwoods	460	460	583	0	1	0	459
Total	1,441	1,190	1,186	660	1	0	781
Intermountain:							
Softwoods	21,561	23,122	23,254	10,529	1,576	4,860	4,596
Hardwoods	389	329	86	272	24	26	67
Total	21,950	23,451	23,340	10,801	1,601	4,886	4,663
Rocky Mountains Total:							
Softwoods	22,542	23,852	23,857	11,188	1,577	4,860	4,917
Hardwoods	849	789	669	272	25	26	526
Total	23,391	24,641	24,527	11,460	1,602	4,886	5,444

(Continued)

Table 34-- (continued).

Region, Subregion, and species group	All owners			National Forest	Other public	Forest industry	Non-industrial private
	1991	1986	1976	1991	1991	1991	1991
	Thousand cubic meters						
Pacific Coast:							
Alaska:							
Softwoods	6,662	3,336	3,040	2,813	97	0	3,752
Hardwoods	134	147	90	0	48	0	87
Total	6,796	3,484	3,130	2,813	144	0	3,838
Pacific Northwest:							
Softwoods	70,111	88,325	87,778	16,904	10,994	29,745	12,468
Hardwoods	3,295	2,784	3,008	231	560	1,664	840
Total	73,406	91,109	90,786	17,134	11,554	31,410	13,308
Pacific Southwest:							
Softwoods	25,083	23,175	23,161	10,384	426	11,338	2,935
Hardwoods	614	328	476	224	9	307	74
Total	25,697	23,502	23,636	10,609	436	11,645	3,008
Pacific Coast Total:							
Softwoods	101,856	114,836	113,979	30,101	11,517	41,083	19,155
Hardwoods	4,043	3,259	3,573	455	617	1,971	1,000
Total	105,899	118,095	117,553	30,556	12,134	43,054	20,155
United States:							
Softwoods	310,043	309,693	282,975	50,416	18,647	116,375	124,606
Hardwoods	151,463	141,850	118,716	6,214	9,229	34,314	101,707
Total	461,506	451,543	401,691	56,629	27,876	150,689	226,312

Note: Data may not add to totals because of rounding.

Table 35--Net annual growth, removals, and mortality of growing stock on timberland in the United States by species group, region, subregion, and type of use, 1991

Region, Subregion, and State	All species			Softwoods			Hardwoods		
	Growth	Removals	Mortality	Growth	Removals	Mortality	Growth	Removals	Mortality
	Thousand cubic meters								
North:									
Northeast:									
Connecticut	1,740	596	468	201	91	4	1,539	505	464
Delaware	382	91	116	83	34	44	299	57	73
Maine	14,530	13,015	6,073	8,137	8,660	4,618	6,393	4,354	1,455
Maryland	4,621	1,111	774	817	322	208	3,804	790	566
Massachusetts	4,175	1,042	442	1,318	319	163	2,857	723	279
New Hampshire	5,808	2,424	1,556	1,712	1,330	1,017	4,097	1,095	538
New Jersey	1,449	499	347	267	48	42	1,182	452	304
New York	16,522	6,306	4,563	3,317	1,712	782	13,205	4,594	3,780
Pennsylvania	17,878	8,039	5,007	1,972	306	312	15,906	7,732	4,695
Rhode Island	297	73	98	69	14	3	228	59	96
Vermont	5,821	2,125	1,372	1,508	1,169	534	4,313	956	838
West Virginia	14,296	2,011	1,320	799	132	225	13,497	1,879	1,095
Total	87,519	37,332	22,138	20,199	14,136	7,953	67,320	23,196	14,184
North Central:									
Illinois	3,747	1,928	1,140	68	53	32	3,679	1,875	1,109
Indiana	4,263	2,624	1,115	184	9	34	4,079	2,616	1,082
Iowa	1,165	740	449	24	1	2	1,141	739	447
Michigan	17,536	10,837	5,233	5,725	2,237	1,527	11,810	8,600	3,706
Minnesota	10,433	8,150	6,159	3,217	1,960	1,880	7,216	6,190	4,279
Missouri	6,928	3,847	1,950	935	328	100	5,993	3,519	1,850
Ohio	8,227	3,202	1,589	329	144	124	7,898	3,058	1,465
Wisconsin	11,924	10,207	4,621	3,677	2,123	998	8,247	8,084	3,624
Total	64,221	41,535	22,257	14,158	6,853	4,696	50,063	34,682	17,561
North Total:	151,741	78,867	44,394	34,357	20,989	12,649	117,383	57,878	31,745
South:									
Southeast:									
Florida	17,779	17,430	3,433	13,797	14,823	1,747	3,983	2,608	1,686
Georgia	36,074	37,516	7,575	23,148	27,340	4,206	12,926	10,176	3,369
North Carolina	32,817	27,111	7,471	16,693	15,033	3,294	16,124	12,079	4,177
South Carolina	12,990	20,180	10,364	7,191	14,310	6,803	5,799	5,869	3,561
Virginia	22,685	15,812	4,565	6,480	6,639	2,038	16,205	9,173	2,528
Total	122,346	118,049	33,408	67,308	78,145	18,087	55,038	39,905	15,321
South Central:									
Alabama	34,643	30,352	5,608	18,618	20,240	3,008	16,025	10,112	2,600
Arkansas	22,207	21,463	4,057	10,952	13,998	1,221	11,256	7,465	2,836
Kentucky	10,984	2,834	2,595	722	221	369	10,261	2,613	2,226
Louisiana	23,734	23,040	4,457	14,983	16,604	2,195	8,750	6,436	2,262
Mississippi	26,781	27,211	4,835	14,428	17,483	2,649	12,353	9,728	2,186
Oklahoma	2,401	2,380	493	1,307	1,382	85	1,094	998	408
Tennessee	16,839	10,437	4,145	2,767	2,537	929	14,071	7,900	3,217
Texas	18,308	17,583	2,890	13,262	14,047	1,653	5,047	3,535	1,236
Total	155,896	135,300	29,080	77,039	86,512	12,110	78,857	48,788	16,971
South Total:	278,242	253,349	62,488	144,347	164,656	30,197	133,895	88,693	32,292

(Continued)

Table 35-- (continued).

Region, Subregion, and State	All species			Softwoods			Hardwoods		
	Growth	Removals	Mortality	Growth	Removals	Mortality	Growth	Removals	Mortality
	Thousand cubic meters								
Rocky Mountains:									
Great Plains:									
Kansas	914	236	388	10	3	1	904	233	387
Nebraska	375	152	131	125	16	26	251	136	105
North Dakota	259	48	48	8	0	0	251	47	48
South Dakota	1,229	1,006	197	1,181	962	188	47	43	10
Total	2,777	1,441	764	1,325	981	214	1,453	460	549
Intermountain:									
Arizona	3,398	1,904	841	3,240	1,881	755	158	22	86
Colorado	8,420	958	2,934	6,433	698	2,308	1,988	260	626
Idaho	20,622	9,424	5,366	20,299	9,336	5,100	323	88	266
Montana	17,183	7,316	5,159	16,858	7,309	5,038	325	7	121
Nevada	141	17	46	124	17	45	17	0	1
New Mexico	4,327	836	2,051	3,971	827	1,704	356	8	348
Utah	1,812	325	1,150	1,358	323	857	454	2	292
Wyoming	2,784	1,169	1,156	2,562	1,168	1,075	222	1	81
Total	58,688	21,950	18,704	54,844	21,561	16,883	3,844	389	1,821
Rocky Mountain Total:	61,465	23,391	19,467	56,169	22,542	17,097	5,296	849	2,370
Pacific Coast:									
Alaska:									
Alaska	7,631	6,796	5,839	4,887	6,662	5,551	2,744	134	288
Total	7,631	6,796	5,839	4,887	6,662	5,551	2,744	134	288
Pacific Northwest:									
Oregon	39,365	38,652	7,161	35,073	37,331	6,109	4,292	1,321	1,052
Washington	42,823	34,754	9,951	37,555	32,780	7,852	5,268	1,974	2,099
Total	82,188	73,406	17,111	72,628	70,111	13,961	9,560	3,295	3,150
Pacific Southwest:									
California	30,725	25,697	5,781	26,472	25,083	5,204	4,253	614	577
Hawaii	28	0	31	0	0	0	28	0	31
Total	30,753	25,697	5,812	26,472	25,083	5,204	4,281	614	608
Pacific Coast Total:	120,572	105,899	28,762	103,987	101,856	24,716	16,585	4,043	4,047
United States:	612,020	461,506	155,112	338,860	310,043	84,659	273,159	151,463	70,454

Note: Data may not add to totals because of rounding.

Table 36--Volume of roundwood products harvested in the United States by source of material, species group, region, and subregion, 1991

Region, Subregion, and product	All species			Source of material					
				Growing stock			Other sources		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
	Thousand cubic meters								
North:									
Northeast:									
Sawlogs	19,138	8,341	10,797	15,729	6,675	9,054	3,409	1,666	1,743
Pulpwood	14,770	6,967	7,803	11,629	5,432	6,197	3,141	1,534	1,606
Veneer logs	674	68	606	607	56	550	67	12	55
Fuelwood	26,592	2,391	24,202	3,436	318	3,118	23,156	2,072	21,084
Other products	1,277	664	613	874	419	455	403	245	158
Total	62,451	18,430	44,021	32,275	12,901	19,375	30,176	5,530	24,646
North Central:									
Sawlogs	14,443	1,914	12,528	13,260	1,857	11,403	1,183	57	1,126
Pulpwood	17,880	4,043	13,837	15,508	3,584	11,924	2,372	459	1,913
Veneer logs	586	33	552	536	30	506	49	3	46
Fuelwood	21,088	962	20,126	2,979	186	2,793	18,109	776	17,333
Other products	718	288	431	589	252	337	129	36	94
Total	54,714	7,240	47,474	32,872	5,909	26,963	21,842	1,331	20,511
North Total:									
Sawlogs	33,581	10,256	23,325	28,989	8,532	20,457	4,592	1,723	2,869
Pulpwood	32,649	11,009	21,640	27,137	9,016	18,121	5,512	1,993	3,519
Veneer logs	1,259	101	1,158	1,143	87	1,057	116	15	101
Fuelwood	47,680	3,353	44,328	6,415	504	5,911	41,265	2,849	38,417
Other products	1,996	952	1,044	1,463	671	792	533	281	252
Total	117,166	25,671	91,495	65,147	18,810	46,337	52,018	6,861	45,157
South:									
Southeast:									
Sawlogs	40,756	30,237	10,520	39,353	29,505	9,849	1,403	732	671
Pulpwood	44,888	32,912	11,976	39,224	29,475	9,749	5,664	3,437	2,227
Veneer logs	6,897	5,556	1,341	6,812	5,488	1,324	85	68	17
Fuelwood	12,567	1,512	11,055	7,354	818	6,536	5,213	694	4,519
Other products	3,525	2,364	1,160	3,111	2,239	872	414	125	288
Total	108,633	72,581	36,052	95,854	67,525	28,329	12,779	5,057	7,722
South Central:									
Sawlogs	54,256	35,684	18,572	52,347	35,129	17,218	1,909	555	1,354
Pulpwood	51,225	30,453	20,772	46,741	28,582	18,159	4,484	1,872	2,612
Veneer logs	15,612	14,787	826	15,282	14,486	796	330	300	30
Fuelwood	11,553	457	11,096	3,078	148	2,930	8,475	309	8,165
Other products	2,483	1,838	645	2,193	1,653	540	290	185	105
Total	135,129	83,219	51,910	119,641	79,998	39,644	15,488	3,221	12,266
South Total:									
Sawlogs	95,012	65,920	29,091	91,700	64,633	27,067	3,312	1,287	2,025
Pulpwood	96,113	63,366	32,748	85,966	58,057	27,908	10,148	5,309	4,839
Veneer logs	22,509	20,342	2,167	22,094	19,974	2,120	415	368	47
Fuelwood	24,120	1,969	22,150	10,432	966	9,466	13,688	1,004	12,684
Other products	6,008	4,203	1,805	5,304	3,892	1,412	704	311	394
Total	243,762	155,800	87,962	215,496	147,523	67,973	28,266	8,278	19,989

(Continued)

Table 36-- (continued).

Region, Subregion, and product	All species			Source of material					
				Growing stock			Other sources		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
	Thousand cubic meters								
Rocky Mountains:									
Great Plains:									
Sawlogs	1,109	865	244	1,075	856	219	34	9	25
Pulpwood	9	9	0	9	9	0	0	0	0
Veneer logs	5	0	5	5	0	5	0	0	0
Fuelwood	1,657	75	1,583	105	10	95	1,552	64	1,488
Other products	45	35	10	37	34	3	8	1	7
Total	2,825	983	1,842	1,231	908	323	1,594	74	1,520
Intermountain:									
Sawlogs	17,168	17,008	160	15,968	15,821	148	1,200	1,187	12
Pulpwood	840	835	4	797	793	4	43	43	0
Veneer logs	2,220	2,220	0	2,218	2,218	0	2	2	0
Fuelwood	2,710	2,250	460	193	148	46	2,517	2,102	415
Other products	774	609	165	723	558	165	51	51	0
Total	23,712	22,922	790	19,900	19,537	362	3,813	3,385	427
Rocky Mountains Total:									
Sawlogs	18,277	17,873	404	17,043	16,676	367	1,233	1,196	37
Pulpwood	848	844	4	806	801	4	43	43	0
Veneer logs	2,226	2,220	5	2,223	2,218	5	2	2	0
Fuelwood	4,367	2,324	2,043	299	158	141	4,069	2,166	1,902
Other products	819	644	175	760	592	168	60	52	7
Total	26,537	23,905	2,632	21,130	20,445	685	5,407	3,460	1,947
Pacific Coast:									
Alaska:									
Sawlogs	1,829	1,823	6	1,789	1,784	6	40	40	0
Pulpwood	662	662	0	596	596	0	66	66	0
Veneer logs	0	0	0	0	0	0	0	0	0
Fuelwood	361	202	158	290	162	127	71	40	31
Other products	2,444	2,444	0	2,444	2,444	0	0	0	0
Total	5,295	5,131	164	5,118	4,985	133	177	146	31
Pacific Northwest:									
Sawlogs	38,398	37,015	1,383	36,464	35,185	1,280	1,933	1,830	103
Pulpwood	12,238	10,722	1,516	1,716	1,484	232	10,522	9,238	1,284
Veneer logs	11,556	11,411	145	9,991	9,880	111	1,566	1,531	34
Fuelwood	6,898	4,724	2,174	4,032	2,541	1,492	2,866	2,183	682
Other products	14,899	14,887	12	14,622	14,610	12	277	277	0
Total	83,990	78,759	5,231	66,826	63,699	3,127	17,164	15,059	2,104
Pacific Southwest:									
Sawlogs	20,931	20,929	2	19,587	19,585	2	1,344	1,344	0
Pulpwood	383	203	180	91	48	43	292	155	137
Veneer logs	1,064	1,064	0	1,052	1,052	0	12	12	0
Fuelwood	6,757	4,573	2,184	2,529	2,170	359	4,228	2,403	1,825
Other products	385	385	0	385	385	0	0	0	0
Total	29,519	27,153	2,366	23,643	23,239	404	5,875	3,913	1,962
Pacific Coast Total:									
Sawlogs	61,157	59,767	1,391	57,841	56,553	1,287	3,317	3,213	103
Pulpwood	13,284	11,587	1,696	2,403	2,128	275	10,881	9,459	1,422
Veneer logs	12,620	12,474	145	11,042	10,931	111	1,578	1,543	34
Fuelwood	14,015	9,499	4,516	6,851	4,873	1,979	7,164	4,626	2,538
Other products	17,728	17,715	12	17,451	17,439	12	277	277	0
Total	118,804	111,043	7,761	95,588	91,924	3,664	23,216	19,119	4,097
United States:									
Sawlogs	208,027	153,816	54,211	195,573	146,395	49,178	12,454	7,420	5,034
Pulpwood	142,895	86,806	56,088	116,311	70,003	46,308	26,583	16,804	9,780
Veneer logs	38,614	35,138	3,476	36,503	33,210	3,293	2,111	1,928	183
Fuelwood	90,183	17,145	73,038	23,996	6,500	17,496	66,186	10,645	55,541
Other products	26,550	23,514	3,037	24,977	22,593	2,384	1,573	920	653
Total	506,269	316,419	189,849	397,361	278,702	118,659	108,908	37,717	71,190

Note: Data may not add to totals because of rounding.

Table 37--Weight of bark and wood residue from primary wood-using mills by type of material, species group, region, subregion, and type of use, 1991

Region, Subregion, and type of use	Total residue			Bark residue			Wood residue								
							All materials			Coarse materials			Fine materials		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
	Thousand dry metric tons														
North:															
Northeast:															
Fiber products	4,396	1,126	3,270	100	44	55	4,296	1,081	3,215	3,996	938	3,058	300	143	157
Fuel	4,586	1,401	3,185	804	208	596	3,782	1,193	2,589	1,728	762	966	2,054	431	1,623
Other uses	6,261	2,835	3,426	2,398	1,007	1,391	3,864	1,828	2,036	914	410	504	2,949	1,418	1,531
Not used	2,730	1,864	865	497	253	244	2,233	1,611	621	1,089	894	194	1,144	717	427
Total	17,973	7,226	10,748	3,798	1,512	2,286	14,175	5,714	8,461	7,728	3,005	4,723	6,447	2,709	3,739
North Central:															
Fiber products	2,049	187	1,862	20	2	18	2,029	185	1,844	1,871	159	1,712	159	26	132
Fuel	3,215	381	2,834	1,289	234	1,055	1,926	147	1,779	973	80	894	953	67	885
Other uses	2,166	127	2,039	885	44	841	1,282	83	1,198	439	30	409	843	54	789
Not used	588	83	505	142	25	116	446	57	389	198	25	172	249	32	217
Total	8,019	777	7,241	2,335	305	2,030	5,684	473	5,211	3,481	294	3,187	2,203	179	2,024
North Total:															
Fiber products	6,446	1,313	5,133	120	46	73	6,326	1,266	5,059	5,867	1,097	4,770	459	170	289
Fuel	7,801	1,782	6,019	2,093	442	1,651	5,708	1,340	4,368	2,702	842	1,860	3,006	498	2,508
Other uses	8,428	2,962	5,466	3,282	1,051	2,232	5,146	1,911	3,234	1,354	440	914	3,792	1,471	2,321
Not used	3,318	1,947	1,371	639	279	360	2,679	1,668	1,011	1,286	920	367	1,393	748	644
Total	25,992	8,003	17,989	6,134	1,817	4,316	19,859	6,186	13,672	11,208	3,299	7,910	8,650	2,888	5,763
South:															
Southeast:															
Fiber products	7,258	5,771	1,487	3	2	1	7,255	5,769	1,486	6,346	4,926	1,420	909	843	66
Fuel	8,820	6,375	2,445	4,218	3,029	1,189	4,601	3,346	1,256	519	254	265	4,082	3,092	991
Other uses	2,190	1,673	517	938	644	294	1,252	1,029	223	603	544	59	649	484	164
Not used	277	114	162	83	37	46	193	77	116	73	36	37	120	41	79
Total	18,544	13,933	4,611	5,243	3,712	1,530	13,301	10,221	3,081	7,542	5,761	1,781	5,760	4,460	1,300
South Central:															
Fiber products	12,055	8,624	3,431	105	46	59	11,950	8,578	3,372	11,519	8,376	3,143	431	201	230
Fuel	12,461	7,493	4,968	7,474	4,880	2,594	4,988	2,614	2,374	688	166	522	4,300	2,448	1,853
Other uses	3,125	1,406	1,719	943	448	494	2,183	958	1,225	550	311	239	1,633	647	986
Not used	1,050	316	734	317	93	223	733	222	511	240	113	126	494	109	385
Total	28,691	17,839	10,852	8,838	5,468	3,370	19,853	12,371	7,482	12,996	8,967	4,029	6,858	3,405	3,453

(Continued)

Table 37-- (continued).

Region, Subregion, and type of use	Total residue			Bark residue			Wood residue								
							All materials			Coarse materials			Fine materials		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
							Thousand dry metric tons								
South Total:															
Fiber products	19,312	14,395	4,918	108	48	60	19,205	14,346	4,858	17,865	13,302	4,562	1,340	1,044	296
Fuel	21,281	13,868	7,413	11,692	7,909	3,783	9,589	5,959	3,630	1,207	420	787	8,383	5,539	2,843
Other uses	5,315	3,079	2,236	1,881	1,092	788	3,435	1,987	1,448	1,153	855	298	2,282	1,131	1,150
Not used	1,326	430	896	400	131	269	926	299	627	313	150	163	613	150	464
Total	47,235	31,772	15,463	14,081	9,180	4,901	33,155	22,592	10,563	20,537	14,727	5,810	12,617	7,865	4,753
Rocky Mountians:															
Great Plains:															
Fiber products	107	103	5	0	0	0	107	103	5	102	97	5	5	5	0
Fuel	98	60	38	51	40	11	47	20	27	32	9	23	15	11	5
Other uses	68	52	16	2	2	0	66	50	16	5	2	3	62	48	14
Not used	106	83	23	21	14	7	85	70	15	38	28	10	47	42	5
Total	379	298	82	73	55	18	306	242	64	176	136	40	130	106	24
Intermountain															
Fiber products	3,332	3,330	2	0	0	0	3,332	3,330	2	2,468	2,466	2	865	865	0
Fuel	1,713	1,693	20	803	799	4	910	894	16	208	198	10	702	696	6
Other uses	368	366	3	157	156	1	211	210	2	42	42	0	170	168	2
Not used	687	664	23	258	253	5	429	411	18	155	146	9	274	265	9
Total	6,100	6,053	47	1,217	1,208	9	4,883	4,844	38	2,872	2,851	21	2,010	1,993	17
Rocky Mtns. Total:															
Fiber products	3,439	3,433	6	0	0	0	3,439	3,433	6	2,569	2,563	6	870	870	0
Fuel	1,811	1,753	58	854	839	15	957	914	44	240	207	33	718	707	11
Other uses	436	417	19	159	158	1	278	259	18	46	44	3	231	216	15
Not used	793	748	45	279	267	12	514	481	34	193	174	19	321	307	15
Total	6,479	6,350	129	1,291	1,264	27	5,188	5,087	102	3,048	2,987	61	2,140	2,099	41
Pacific Coast:															
Alaska:															
Fiber products	252	252	0	0	0	0	252	252	0	252	252	0	0	0	0
Fuel	297	297	0	113	113	0	183	183	0	33	33	0	151	151	0
Other uses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not used	42	39	3	15	14	1	27	25	2	7	6	1	20	19	1
Total	591	588	3	128	127	1	463	461	2	292	291	1	171	170	1

(Continued)

Table 37– (continued).

Region, Subregion, and type of use	Total residue			Bark residue			Wood residue								
							All materials			Coarse materials			Fine materials		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
	Thousand dry metric tons														
Pacific Northwest:															
Fiber products	6,631	6,497	133	45	44	2	6,585	6,454	132	5,334	5,234	101	1,251	1,220	31
Fuel	6,177	5,980	197	2,577	2,508	70	3,600	3,473	127	1,668	1,600	68	1,931	1,872	59
Other uses	1,589	1,535	54	477	461	16	1,112	1,074	38	712	688	24	400	386	14
Not used	118	112	6	39	37	2	79	74	5	32	30	2	47	44	3
Total	14,515	14,124	391	3,139	3,049	90	11,376	11,075	301	7,747	7,552	195	3,630	3,524	106
Pacific Southwest:															
Fiber products	1,959	1,943	15	4	4	0	1,955	1,940	15	1,540	1,527	13	415	413	3
Fuel	3,275	3,248	27	1,037	1,028	9	2,238	2,220	18	1,050	1,041	9	1,188	1,179	9
Other uses	419	415	5	216	213	3	203	201	2	80	79	1	123	122	1
Not used	48	48	0	21	21	0	27	27	0	15	15	0	12	12	0
Total	5,701	5,654	47	1,277	1,266	12	4,424	4,388	35	2,684	2,662	23	1,739	1,726	13
Pacific Coast Total:															
Fiber products	8,842	8,693	149	49	47	2	8,793	8,646	147	7,126	7,013	113	1,667	1,633	34
Fuel	9,749	9,525	224	3,728	3,649	79	6,021	5,876	145	2,751	2,674	77	3,270	3,202	68
Other uses	2,009	1,950	59	693	674	19	1,315	1,276	40	792	767	25	523	509	15
Not used	208	199	9	74	72	3	133	127	6	54	52	3	79	75	4
Total	20,807	20,366	441	4,544	4,442	103	16,262	15,924	338	10,723	10,504	219	5,539	5,420	120
United States:															
Fiber products	38,039	27,833	10,206	277	142	135	37,762	27,691	10,071	33,427	23,975	9,452	4,336	3,717	619
Fuel	40,642	26,928	13,714	18,366	12,839	5,528	22,275	14,089	8,187	6,898	4,142	2,756	15,377	9,947	5,430
Other uses	16,188	8,408	7,780	6,015	2,975	3,040	10,173	5,433	4,740	3,345	2,106	1,239	6,828	3,328	3,501
Not used	5,645	3,323	2,322	1,392	748	644	4,253	2,576	1,677	1,847	1,295	552	2,406	1,280	1,126
Total	100,513	66,491	34,022	26,049	16,702	9,347	74,464	49,789	24,675	45,517	31,518	13,999	28,947	18,271	10,676

Note: Data may not add to totals because of rounding.

Table 38--Roundwood products, logging residues, and other removals from growing stock and other sources by species group,region, and subregion, 1991

Region, Subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
	Thousand cubic meters		
North:			
Northeast:			
Roundwood products--			
Growing stock	32,275	12,901	19,375
Other sources	30,176	5,530	24,646
Total	62,451	18,430	44,021
Logging residues--			
Growing stock[a]	2,755	672	2,082
Other sources[b]	10,651	4,986	5,665
Total	13,406	5,658	7,747
Other removals--			
Growing stock[c]	2,302	563	1,739
Other sources[d]	2,078	466	1,611
Total	4,379	1,029	3,350
Total, all classes--			
Growing stock	37,332	14,136	23,196
Other sources	42,905	10,982	31,923
Total, all materials	80,236	25,118	55,118
North Central:			
Roundwood products--			
Growing stock	32,872	5,909	26,963
Other sources	21,842	1,331	20,511
Total	54,714	7,240	47,474
Logging residues--			
Growing stock[a]	3,260	237	3,023
Other sources[b]	2,478	278	2,200
Total	5,737	515	5,223
Other removals--			
Growing stock[c]	5,404	707	4,696
Other sources[d]	4,189	336	3,853
Total	9,592	1,043	8,550
Total, all classes--			
Growing stock	41,535	6,853	34,682
Other sources	28,509	1,945	26,564
Total			
Total, all materials	70,044	8,798	61,246

(Continued)

Table 38-- (continued).

Region, Subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic meters	
North Total:			
Roundwood products--			
Growing stock	65,147	18,810	46,337
Other sources	52,018	6,861	45,157
Total	117,166	25,671	91,495
Logging residues--			
Growing stock[a]	6,014	909	5,105
Other sources[b]	13,129	5,264	7,865
Total	19,143	6,173	12,970
Other removals--			
Growing stock[c]	7,705	1,270	6,435
Other sources[d]	6,266	802	5,464
Total	13,972	2,072	11,900
Total, all classes--			
Growing stock	78,867	20,989	57,878
Other sources	71,414	12,927	58,486
Total, all materials	150,280	33,916	116,364
South:			
Southeast:			
Roundwood products--			
Growing stock	95,854	67,525	28,329
Other sources	12,779	5,057	7,722
Total	108,633	72,581	36,052
Logging residues--			
Growing stock[a]	9,032	4,190	4,842
Other sources[b]	7,413	1,770	5,644
Total	16,446	5,960	10,486
Other removals--			
Growing stock[c]	13,163	6,430	6,733
Other sources[d]	5,571	891	4,680
Total	18,734	7,321	11,413
Total, all classes--			
Growing stock	118,049	78,145	39,905
Other sources	25,763	7,717	18,046
Total, all materials	143,812	85,862	57,950

(Continued)

Table 38-- (continued).

Region, Subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic meters	
South Central:			
Roundwood products--			
Growing stock	119,641	79,998	39,644
Other sources	15,488	3,221	12,266
Total	135,129	83,219	51,910
Logging residues--			
Growing stock[a]	10,608	4,788	5,819
Other sources[b]	21,993	6,833	15,160
Total	32,601	11,621	20,980
Other removals--			
Growing stock[c]	5,051	1,726	3,325
Other sources[d]	4,494	580	3,914
Total	9,545	2,305	7,239
Total, all classes--			
Growing stock	135,300	86,512	48,788
Other sources	41,975	10,634	31,341
Total, all materials	177,275	97,145	80,129
South Total:			
Roundwood products--			
Growing stock	215,496	147,523	67,973
Other sources	28,266	8,278	19,989
Total	243,762	155,800	87,962
Logging residues--			
Growing stock[a]	19,640	8,978	10,662
Other sources[b]	29,406	8,602	20,804
Total	49,046	17,581	31,466
Other removals--			
Growing stock[c]	18,214	8,155	10,058
Other sources[d]	10,065	1,471	8,594
Total	28,279	9,627	18,652
Total, all classes--			
Growing stock	253,349	164,656	88,693
Other sources	67,738	18,351	49,387
Total, all materials	321,087	183,007	138,079

(Continued)

Table 38-- (continued).

Region, Subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic meters	
Rocky Mountains:			
Great Plains:			
Roundwood products--			
Growing stock	1,231	908	323
Other sources	1,594	74	1,520
Total	2,825	983	1,842
Logging residues--			
Growing stock[a]	106	69	37
Other sources[b]	22	0	21
Total	128	69	58
Other removals--			
Growing stock[c]	104	4	101
Other sources[d]	63	2	61
Total	168	6	162
Total, all classes--			
Growing stock	1,441	981	460
Other sources	1,679	77	1,602
Total, all materials	3,120	1,058	2,063
Intermountain:			
Roundwood products--			
Growing stock	19,900	19,537	362
Other sources	3,813	3,385	427
Total	23,712	22,922	790
Logging residues--			
Growing stock[a]	2,050	2,023	27
Other sources[b]	0	0	0
Total	2,050	2,023	27
Other removals--			
Growing stock[c]	0	0	0
Other sources[d]	0	0	0
Total	0	0	0
Total, all classes--			
Growing stock	21,950	21,561	389
Other sources	3,813	3,385	427
Total, all materials	25,762	24,946	817

(Continued)

Table 38-- (continued).

Region, Subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic meters	
Rocky Mountains Total:			
Roundwood products--			
Growing stock	21,130	20,445	685
Other sources	5,407	3,460	1,947
Total	26,537	23,905	2,632
Logging residues--			
Growing stock[a]	2,156	2,093	64
Other sources[b]	22	0	21
Total	2,178	2,093	85
Other removals--			
Growing stock[c]	104	4	101
Other sources[d]	63	2	61
Total	168	6	162
Total, all classes--			
Growing stock	23,391	22,542	849
Other sources	5,492	3,462	2,030
Total, all materials	28,883	26,004	2,879
Pacific Coast:			
Alaska:			
Roundwood products--			
Growing stock	5,118	4,985	133
Other sources	177	146	31
Total	5,295	5,131	164
Logging residues--			
Growing stock[a]	1,646	1,645	1
Other sources[b]	1,326	1,325	1
Total	2,973	2,970	3
Other removals--			
Growing stock[c]	31	31	0
Other sources[d]	0	0	0
Total	31	31	0
Total, all classes--			
Growing stock	6,796	6,662	134
Other sources	1,503	1,471	32
Total, all materials	8,299	8,133	166

(Continued)

Table 38-- (continued).

Region, Subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic meters	
Pacific Northwest:			
Roundwood products--			
Growing stock	66,826	63,699	3,137
Other sources	17,164	15,059	2,104
Total	83,990	78,759	5,231
Logging residues--			
Growing stock[a]	6,549	6,399	150
Other sources[b]	12,796	12,501	295
Total	19,345	18,900	445
Other removals--			
Growing stock[c]	31	13	18
Other sources[d]	390	330	60
Total	421	343	78
Total, all classes--			
Growing stock	73,406	70,111	3,295
Other sources	30,350	27,891	2,459
Total, all materials	103,756	98,002	5,755
Pacific Southwest:			
Roundwood products--			
Growing stock	23,643	23,239	404
Other sources	5,875	3,913	1,962
Total	29,519	27,153	2,366
Logging residues--			
Growing stock[a]	2,051	1,840	210
Other sources[b]	3,097	2,793	305
Total	5,148	4,633	515
Other removals--			
Growing stock[c]	3	3	0
Other sources[d]	30	30	0
Total	33	33	0
Total, all classes--			
Growing stock	25,697	25,083	614
Other sources	9,003	6,736	2,267
Total, all materials	34,700	31,819	2,881

(Continued)

Table 38-- (continued).

Region, Subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic meters	
Pacific Coast Total:			
Roundwood products--			
Growing stock	95,588	91,924	3,664
Other sources	23,216	19,119	4,097
Total	118,804	111,043	7,761
Logging residues--			
Growing stock[a]	10,246	9,885	361
Other sources[b]	17,220	16,619	601
Total	27,466	26,503	963
Other removals--			
Growing stock[c]	65	47	18
Other sources[d]	420	360	60
Total	486	407	78
Total, all classes--			
Growing stock	105,899	101,856	4,043
Other sources	40,856	36,098	4,759
Total, all materials	146,755	137,954	8,802
United States:			
Roundwood products--			
Growing stock	397,361	278,702	118,659
Other sources	108,908	37,717	71,190
Total	506,269	316,419	189,849
Logging residues--			
Growing stock[a]	38,056	21,865	16,192
Other sources[b]	59,777	30,486	29,291
Total	97,833	52,350	45,483
Other removals--			
Growing stock[c]	26,089	9,476	16,612
Other sources[d]	16,815	2,635	14,180
Total	42,904	12,111	30,792
Total, all classes--			
Growing stock	461,506	310,043	151,463
Other sources	185,499	70,838	114,661
Total, all materials	647,006	380,881	266,125

[a] Growing stock volume cut or knocked down during harvest but left at the harvest site.
[b] Wood volume other than growing stock cut or knocked down during harvest but left on the ground. This volume is net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; includes downed dead and cull trees, tops above the 10 cm growing-stock top, and trees smaller than 12.5 cm dbh; excludes stumps and limbs.
[c] Growing stock volume removed by cultural operations or timberland clearing.
[d] Wood volume other than growing stock removed by cultural operations or timberland clearing. This volume is net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; includes downed dead and cull trees, tops above the 4-inch growing-stock top, and trees smaller than 12.5 cm dbh; excludes stumps and limbs.

Note: Data may not add to totals because of rounding.

GLOSSARY

Annual mortality–The average annual volume of sound wood in growing stock trees that died from natural causes during the period between inventories.

Annual removals–The net volume of growing stock trees removed from the inventory during a specified year by harvesting, cultural operations such as timber stand improvement, or land clearing.

Bureau of Land Management (BLM)–An ownership class of federal lands administered by the Bureau of Land Management, U.S. Department of the Interior.

Coarse materials–Wood residues suitable for chipping, such as slabs, edgings, and trimmings.

Commercial species–Tree species suitable for industrial wood products.

County and municipal–An ownership class of public lands owned by counties or local public agencies, or lands leased by these governmental units for more than 50 years.

Cull tree–A live tree, 12.7 centimeters in diameter at breast height (d.b.h.) or larger, that is unmerchantable for saw logs now or prospectively because of rot, roughness, or species. (See definitions for rotten and rough trees.)

Diameter class–A classification of trees based on diameter outside bark measured at breast height (1.4 meters above ground). D.b.h. is the common abbreviation for "diameter at breast height."

Farmer–An ownership class of private lands owned by a person who operates a farm, either personally doing the work or directly supervising the work.

Federal–An ownership class of public lands owned by the U.S. Government.

Fiber products–Products derived from wood and bark residues, such as pulp, composition board products, and wood chips for export.

Fine materials–Wood residues not suitable for chipping, such as planer shavings and sawdust.

Forest industry–An ownership class of private lands owned by companies or individuals operating wood-using plants.

Forest land–Land at least 10% stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and nonforested lands that are at least 10% stocked with forest trees and forest areas adjacent to urban and built-up lands. Also included are pinyon-juniper and chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 0.4 hectare. Roadside, streamside, and shelterbelt strips of timber must have a crown width of at least 37 meters to qualify as forest land. Unimproved roads and trails, streams, and clearings in forest areas are classified as forest if less than 37 meters wide.

Forest type–A classification of forest land based on the species presently forming a plurality of the live-tree stocking.

Major eastern forest type groups:

White-red-jack pine–Forests in which eastern white pine, red pine, or jack pine, singly or in combination, comprise a plurality of the stocking. Common associates include hemlock, aspen, birch, and maple.

Spruce-fir–Forests in which spruce or true firs, singly or in combination, comprise a plurality of the stocking. Common associates include white cedar, tamarack, maple, birch, and hemlock.

Longleaf-slash pine–Forests in which longleaf or slash pine, singly or in combination, comprise a plurality of the stocking. Common associates include other southern pines, oak, and gum.

Loblolly-shortleaf pine–Forests in which loblolly pine, shortleaf pine, or southern yellow pines, except longleaf or slash pine, singly or in combination, comprise a plurality of the stocking. Common associates include oak, hickory, and gum.

Oak-pine–Forests in which hardwoods (usually upland oaks) comprise a plurality of the stocking, but in which pine or eastern redcedar comprises 25-50% of the stocking. Common associates include gum, hickory, and yellow-poplar.

Oak-hickory–Forests in which upland oaks or hickory, singly or in combination, comprise a plurality of the stocking except where pines comprise 25-50%, in which case the stand is classified as oak-pine. Common associates include yellow-poplar, elm, maple, and black walnut.

Oak-gum-cypress–Bottomland forests in which tupelo, blackgum, sweetgum, oaks, or southern cypress, singly or in combination, comprise a plurality of the stocking except where pines comprise 25-50%, in which case the stand is classified as oak-pine. Common associates include cottonwood, willow, ash, elm, hackberry, and maple.

Elm-ash-cottonwood–Forests in which elm, ash, or cottonwood, singly or in combination, comprise a plurality of the stocking. Common associates include willow, sycamore, beech, and maple.

Maple-beech-birch–Forests in which maple, beech, or yellow birch, singly or in combination, comprise a plurality of the stocking. Common associates include hemlock, elm, basswood, and white pine.

Aspen-birch–Forests in which aspen, balsam poplar, paper birch, or gray birch, singly or in combination, comprise a plurality of the stocking. Common associates include maple and balsam fir.

Major western forest type groups:

Douglas-fir–Forests in which Douglas-fir comprises a plurality of the stocking. Common associates include western hemlock, western redcedar, the true firs, redwood, ponderosa pine, and larch.

Hemlock-Sitka spruce–Forests in which western hemlock and/or Sitka spruce comprise a plurality of the stocking. Common associates include Douglas-fir, silver fir, and western redcedar.

Redwood–Forests in which redwood comprises a plurality of the stocking. Common associates include Douglas-fir, grand fir, and tanoak.

Ponderosa pine–Forests in which ponderosa pine comprises a plurality of the stocking. Common associates include Jeffrey pine, sugar pine, limber pine, Arizona pine, Apache pine, Chihuahua pine, Douglas-fir, incense-cedar, and white fir.

Western white pine–Forests in which western white pine comprises a plurality of the stocking. Common associates include western redcedar, larch, white fir, Douglas-fir, lodgepole pine, and Engelmann spruce.

Lodgepole pine–Forests in which lodgepole pine comprises a plurality of the stocking. Common associates include alpine fir, western white pine, Engelmann spruce, aspen, and larch.

Larch–Forests in which western larch comprises a plurality of the stocking. Common associates include Douglas-fir, grand fir, western redcedar, and western white pine.

Fir-spruce–Forests in which true firs, Engelmann spruce, or Colorado blue spruce, singly or in combination, comprise a plurality of the stocking. Common associates include mountain hemlock and lodgepole pine.

Western hardwoods–Forests in which aspen, red alder, or other western hardwoods, singly or in combination, comprise a plurality of the stocking.

Chaparral–Forests of heavily branched, dwarfed trees or shrubs, usually evergreen, the crown canopy of which at maturity covers more than 50% of the ground and whose primary value is watershed protection. The more common chaparral constituents are species of Quercus, Cercocarpus, Garrya, Ceanothus, Arctostaphylos, and Adenostoma. Types dominated by such shrubs as Artemisia, Chrysothamnus, Purshia, Gutierrezia, or semidesert species are not commonly considered chaparral.

Pinyon-juniper–Forests in which pinyon or juniper, or both, comprise a plurality of the stocking.

Other softwoods–Forests in which other softwood species not mentioned above comprise a plurality of the stocking. These are primarily black spruce forests in interior Alaska.

Fuelwood–Wood used for conversion to some form of energy, primarily residential use.

Growing stock–A classification of timber inventory that includes live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. When associated with volume, includes only trees 12.7 centimeters d.b.h. and larger.

Hardwood–A dicotyledonous tree, usually broad-leaved and deciduous.

Industrial wood–All commercial roundwood products except fuelwood.

Land area–The area of dry land and land temporarily or partly covered by water, such as marshes, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than 61 meters wide; and lakes, reservoirs, and ponds less than 1.8 hectares in area.

Live cull–A classification that includes live, cull trees. When associated with volume, it is the net volume in live, cull trees that are 12.7 centimeters d.b.h. and larger.

Logging residues–The unused portions of growing-stock trees cut or killed by logging and left in the woods.

National Forest–An ownership class of federal lands, designated by Executive Order or statute as National Forests or purchase units, and other lands under the administration of the Forest Service including experimental areas and Bankhead-Jones Title III lands.

Net annual growth–The average annual net increase in the volume of trees during the period between inventories. Components include the increment in net volume of trees at the beginning of the specific year surviving to its end, plus the net volume of trees reaching the minimum size class during the year, minus the volume of trees that died during the year, and minus the net volume of trees that became cull trees during the year.

Net volume in cubic meters–The gross volume in cubic meters less deductions for rot, roughness, and poor form. Volume is computed for the central stem from a 0.3-meter stump to a minimum 10-centimeter top diameter outside bark, or to the point where the central stem breaks into limbs.

Noncommercial species–Tree species of typically small size, poor form, or inferior quality, which normally do not develop into trees suitable for industrial wood products.

Nonforest land–Land that has never supported forests and lands formerly forested where use of timber management is precluded by development for other uses. (Note: This includes area used for crops, improved pasture, residential areas, city parks, improved roads of any width and adjoining clearings, powerline clearings of any width, and 0.4- to 1.8-hectare areas of water classified by the Bureau of the Census as land. If intermingled in forest areas, unimproved roads and nonforest strips must be more than 37 meters wide, and clearings, etc., more than 0.4 hectare, to qualify as nonforest land.)

Nonindustrial private–An ownership class of private lands where the owner does not operate wood-using plants.

Non-stocked areas–Timberland less than 10% stocked with growing-stock trees.

Other federal–An ownership class of federal lands other than those administered by the Forest Service or the Bureau of Land Management.

Other forest land–Forest land other than timberland and productive reserved forest land. It includes available and reserved forest land, which is incapable of producing annually 1.4 cubic meters per hectare of industrial wood under natural conditions because of adverse site conditions such as sterile soils, dry climate, poor drainage, high elevation, steepness, or rockiness. Urban forest land is also included.

Other land–Nonforest land less the area in streams, sloughs, estuaries, and canals between 37 and 61 meters wide and lakes, reservoirs, and ponds between 0.4 and 1.8 hectares in area.

Other private–An ownership class of private lands that are not owned by forest industry or farmers.

Other products–A miscellaneous category of roundwood products that includes such items as cooperage, pilings, poles, posts, shakes, shingles, board mills, charcoal, and export logs.

Other public–An ownership class that includes all public lands except National Forest.

Other red oaks–A group of species in the genus *Quercus* that includes scarlet oak, northern pin oak, southern red oak, bear oak, shingle oak, laurel oak, blackjack oak, water oak, pin oak, willow oak, and black oak.

Other removals–Unutilized wood volume from cut or otherwise killed growing stock, from cultural operations such as precommercial thinnings, or from timberland clearing. This does not include volume removed from inventory by reclassification of timberland to productive reserved forest land.

Other sources–Sources of roundwood products that are non-growing stock. These include salvable dead trees, rough and rotten trees, trees of noncommercial species, trees less than 12.5 centimeters d.b.h., tops, and roundwood harvested from nonforest land (for example, fence rows).

Other white oaks–A group of species in the genus *Quercus* that includes overcup oak, chestnut oak, and post oak.

Ownership–The property owned by one ownership unit, including all parcels of land in the United States.

Ownership unit–A classification of ownership encompassing all types of legal entities having an ownership interest in land, regardless of the number of people involved. A unit may be an individual; a combination of persons; a legal entity such as a corporation, partnership, club, or trust; or a public agency. An ownership unit has control of a parcel or group of parcels of land.

Poletimber trees–Live trees at least 12.7 centimeters in d.b.h., but smaller than sawtimber trees.

Primary wood-using mill–A mill that converts roundwood products into other wood products. Common examples are sawmills that convert saw logs into lumber and pulpmills that convert pulpwood into wood pulp.

Productive reserved forest land–Forest land that would otherwise be classified as timberland, except that it is withdrawn from timber utilization by statute or administrative regulation.

Productivity class–A classification of forest land in terms of potential annual cubic-meter volume growth per hectare at culmination of mean annual increment in fully stocked natural stands.

Pulpwood–Roundwood, whole-tree chips, or wood residues that are used for the production of wood pulp.

Residues–Bark and woody materials that are generated in primary wood-using mills when roundwood products are converted to other products. Examples are slabs, edgings, trimmings, miscuts, sawdust, shavings, veneer cores and clippings, and pulp screenings. Includes bark residues and wood residues (both coarse and fine materials) but excludes logging residues.

Rotten tree–A live tree of commercial species that does not contain a saw log now or prospectively, primarily because of rot (that is, when rot accounts for more than 50% of the total cull volume).

Rough tree–(a) A live tree of commercial species that does not contain a saw log now or prospectively primarily because of roughness (that is, when sound cull because of such factors as poor form, splits, or cracks accounts for more than 50% of the total cull volume) or (b) a live tree of noncommercial species.

Roundwood products–Logs, bolts, and other round timber generated from harvesting trees for industrial or consumer use.

Salvable dead tree–A downed or standing dead tree that is considered currently or potentially merchantable by regional standards.

Saplings–Live trees 2.5 centimeters through 12.5 centimeters d.b.h.

Saw log–A log meeting minimum standards of diameter, length, and defect, including logs at least 2.4 meters long, sound and straight, and with a minimum diameter inside bark of 15 centimeters for softwoods and 20 centimeters for hardwoods, or meeting other combinations of size and defect specified by regional standards.

Sawtimber–A classification of timber inventory that is composed of sawtimber trees of commercial species.

Sawtimber trees–Live trees containing at least one 3.7-meter saw log or two noncontiguous 2.4-meter logs, and meeting regional specifications for freedom from defect. Softwood trees must be at least 23 centimeters d.b.h., and hardwood trees must be at least 28 centimeters d.b.h.

Seedlings–Live trees less than 2.5 centimeters d.b.h. and at least 0.3 meter in height.

Select red oaks–A group of species in the genus *Quercus* that includes cherrybark oak, northern red oak, and Shumard oak.

Select white oaks–A group of species in the genus *Quercus* that includes white oak, swamp white oak, bur oak, swamp chestnut oak, and chinkapin oak.

Softwood–A coniferous tree, usually evergreen, having needles or scale-like leaves.

Sound dead–The net volume in salvable dead trees.

Stand size class–A classification of forest land based on the size class of all live trees in the area.

- **Nonstocked stands**–Forest land that is stocked with less than 10% of full stocking with all live trees. Examples are recently cut-over areas or reverting agricultural fields.
- **Seedling-sapling stands**–Forest land that is stocked with at least 10% of full stocking with all live trees, with one-half or more of such stocking in seedlings or saplings or both.
- **Poletimber stands**–Forest land that is stocked with at least 10% of full stocking with all live trees, with half or more of such stocking in poletimber or sawtimber trees or both, and in which the stocking of poletimber exceeds that of sawtimber.
- **Sawtimber stands**–Forest land that is stocked with at least 10% of full stocking with all live trees, with half or more of such stocking in poletimber or sawtimber trees or both, and in which the stocking of sawtimber is at least equal to that of poletimber.

State–An ownership class of public lands owned by states or lands leased by states for more than 50 years.

Stocking–The degree of occupancy of land by trees, measured by basal area or number of trees by size and spacing, or both, compared to a stocking standard; that is, the basal area or number of trees, or both, required to fully utilize the growth potential of the land.

Timberland–Forest land that is producing or is capable of producing crops of industrial wood, and that is not withdrawn from timber utilization by statute or administrative regulation. (Note: Areas qualifying as timberland are capable of producing in excess of 1.4 cubic meters per hectare per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included.)

Tops–The wood of a tree above the merchantable height (or above the point on the stem 10 centimeters diameter outside bark [d.o.b.]). It includes the usable material in the uppermost stem.

Unreserved forest land–Forest land that is not withdrawn from harvest by statute or administrative regulation.

Veneer log–A roundwood product from which veneer is sliced or sawn and that usually meets certain standards of minimum diameter and length and maximum defect.

Weight–The weight of wood and bark, oven-dry basis (approximately 12% moisture content).

APPENDIX A.- PROCEDURES FOR THE UPDATE

The resource statistics presented in this report are derived from information collected in periodic surveys of the forest resources in each state and Forest Service Region. Six Forest and Range Experiment Stations and nine National Forest Regions (Appendices F and G) provided inventory data. With the exception of the two eastern Regions, the surveys on National Forests are conducted by the Regions, while the Experiment Stations survey the non-National Forest land.

All of the inventories used here were not actually conducted in 1992, but, instead data were collected periodically. The average cycle nationally is 10 years; therefore, for a 5-year update, one would expect that approximately one-half of the data would come from new inventories. If inventories were completed after January 1, 1989, the data were accepted as current, new inventories. If inventories were completed before 1989, their data either were updated to 1992 or were left as reported in the last assessment. The approach to updating differed by Region or Station, depending on the availability of models, techniques, and supporting data. A full accounting of the inventory status for National Forests and states (non-National Forest) for this update is given in Appendix D, which can be summarized as follows:

	Type of inventory			
Ownership type	Old not updated	Old updated	New	Total
	number			
National Forest	86	28	42	156
Non-Natl. Forest	8	22	20	50
Total	94	50	62	206

The resource estimates of area and timber volume shown in the tables of this report are our best estimates for 1992; but they are not all derived from new inventories. Asterisks and footnotes are used in the tables to further highlight situations where estimates are unchanged from the last assessment.

The forest inventory information from Region and Station inventories was loaded into a relational data base management system. The data base tables were developed from three sets of data. One set contains area and volume inventory data (generally for individual sample plots or strata). Another contains volume by species and diameter class (generally for states or National Forests). The third is timber product output data, which were obtained by the Stations and are for entire states.

The historical data for 1952, 1962, 1977, and 1987 were extracted from the last assessment document (Waddell et al. 1989). In some cases, the 1987 data were taken from the data bases created for the last assessment, but were modified slightly to correct some errors and, in some cases, to use more timely survey results for that period.

There have been a few other procedural changes since the 1990 assessment. For 1992 data, Indian lands now are considered private lands and are grouped with the "Other Private" owners in the tables. In the historical area table (table 7), where a separate breakout for Indian lands was available, the historical data for Indian lands was also added to the "Other Private" owner category. In some volume tables with historical data (tables 12, 13, 14, 15, 32, 33), Indian lands for previous dates are still included in the "Other Public" owner category, because a breakout for Indian lands was unavailable. This results in the appearance of some big changes between 1987 and 1992 for some states in those two owner categories. Those tables where changes occurred because Indian land ownership conversion are footnoted.

For this update, the 1990 Bureau of the Census land area estimates are used for total land area for each state (table 1). Since these data form the foundation for forest land estimates, this change has caused some adjustments in forest statistics. Another change, which affects the area estimates for National Forests, is that the total area for each National Forest was adjusted to match the information compiled by the Forest Service's Lands staff (U.S. Department of Agriculture, Forest Service 1990), while the 1987 area estimates were adjusted to match earlier information (U.S. Department of Agriculture, Forest Service 1985).

Estimates of mortality, growth, and removals (i.e., components of change) are dated 1991 in this update report. Mortality and growth commonly are

derived from periodic remeasurement of permanent plots; and, therefore, are annual estimates averaged over the period between measurements. Unless a new inventory was conducted, the mortality and growth estimates generally were not updated. Removals estimates were not derived from remeasurement data, but were obtained by Stations from timber products output surveys and various timber harvesting reports for each state. They are not averaged over a period, but are for the most recent year that the surveys were conducted. In this sense, they are more reflective of the market conditions for a specific point in time, and may not be strictly comparable to other components of change estimates.

For additional information on the forest resources, inventory and updating techniques, and statistical reliability of inventory data for specific states or National Forests, contact the Station and Region offices listed in the Appendices F and G. For queries and retrievals from either the 1987 or 1992 data bases (used to create the tables in the last assessment or in this update), contact the Forest Inventory and Analysis Unit in Starkville, MS (Appendix F).

APPENDIX B.- FOREST TYPE GROUP MAP DEVELOPMENT

In previous RPA assessments, no attempt was made to produce a map to provide a visual representation of forest cover. For the U.S. as a whole, the primary source of general forest cover distributions has been the 1967 Major Forest Types map compiled originally from older maps and field data (U.S. Department of Agriculture, Forest Service 1967; Eyre, ed. 1980). The data interpolation approach, used to produce the older maps, depicted generalized rather than detailed actual distributions of forest types. In many places, the forest coverage information provided by the 1967 map is out of date.

Recent advances in computer and remote sensing technologies enabled scientists to characterize land cover features and produce thematic maps over large regions. Application of these new technologies led the effort to produce a forest type group map for the current RPA assessment update. The map was produced by the Forest Inventory and Analysis research unit of the Forest Service, Southern Forest Experiment Station (SO-FIA).

Because there have been no other satellite data based forest type maps available for the U.S., the new RPA forest type group map is significant, not only for the current RPA assessment update, but also for meeting needs of knowledge about a changing global environment. This map supports data tables and analysis reported in this document by presenting regional patterns of the most current forest type distributions. It also provides a needed update for older forest type maps, and establishes a precedent for use in future forest resource monitoring.

Verification was performed by comparison of area estimates from the map to recent Forest Service inventory area estimates at the state level. Average bias of percent forest estimates of the 50 states was 1.95%, with a standard deviation of 1.47%. The minimum bias was 0.07%, and the maximum bias was 7.32%.

Further information on the procedures for developing the map can be found in Zhu and Evans (1992).

If you would like to obtain a copy of the map please contact:

Data Request Coordinator
Southern Forest Experiment Station
P.O. Box 906
Starkville, MS 39759
Tel: 601-324-1611

APPENDIX C.- METRIC/ENGLISH EQUIVALENTS

Metric equivalents	**English equivalents**
1 hectare = 2.471 acres	1 acre = 0.4047 hectares
1 cubic meter = 287 board feet	1 board foot = 0.00348 cubic meters
1 cubic meter = 35.3 cubic feet	1 cubic foot = 0.0283 cubic meters
1 centimeter = 0.394 inch	1 inch = 2.54 centimeters
1 meter = 3.281 feet	1 foot = 0.3048 meters
1 kilometer = 0.622 mile	1 mile = 1.609 kilometers
1 square meter = 10.764 square feet	1 square foot = 0.0929 square meters
1 m^2/hectare basal area = 4.356 ft^2/acre	1 ft^2/acre basal area = 0.2296 m^2/hectare
1 m^3/hectare productivity = 14.3 ft^3/acre	1 ft^3/acre productivity = 0.07 m^3/hectare
1 metric ton = 1.102 tons	1 ton = 0.9072 metric tons
Breast height = 4.5 feet above ground level	Breast height = 1.4 meters above ground level

Although 1,000 board feet is theoretically equivalent to 2.36 cubic meters, this is true only when a board foot is actually a piece of wood with a volume 1/12 of cubic foot. The International 1/4-inch log rule is used by the Forest Service to estimate the product potential in board feet. The reliability of the estimate obtained by conversion will vary with the size of the log measured. The conversion given here, 3.48 cubic meters, is based on the cubic volume of a log 4.8 meters long and 38 centimeters in diameter inside bark (d.i.b.) at the small end. This conversion could be used for average comparisons when accuracy of 10% is acceptable. Because the board foot unit is not a true measure of wood volume and because products other than dimension lumber are becoming important, this unit may eventually be phased out and replaced by the cubic measure.

APPENDIX D.- STATUS OF INVENTORIES (SINCE 1987 RPA DATA)

State/Administrative Forest or Non-national forest lands	Old inventory - not updated	Old inventory - updated	New inventory
Alabama:			
Non-national forest lands			x
NFS in Alabama (Region 8)			x
Alaska:			
Non-national forest lands		x (Volume)	
Tongass (Region 10)		x	
Chugach (Region 10)	x		
Arizona:			
Non-national forest lands	x		
Apache (Region 3)			x
Coconino (Region 3)			x
Coronado (Region 3)		x	
Kaibab (Region 3)			x
Prescott (Region 3)		x	
Sitgreaves (Region 3)			x
Tonto (Region 3)		x	
Arkansas:			
Non-national forest lands			x
Ouachita (Region 8)			x
Ozark-St. Francis (Region 8)			x
California:			
Non-national forest lands		x	
Angeles (Region 5)			x
Cleveland (Region 5)		x	
Eldorado (Region 5)			x
Inyo (Region 5)			x
Klamath (Region 5)			x
Lassen (Region 5)		x	
Los Padres (Region 5)			x
Mendocino (Region 5)			x
Modoc (Region 5)			x
Plumas (Region 5)			x
Rogue River (Region 6)	x		
San Bernardino (Region 5)		x	
Sequoia (Region 5)			x
Shasta-Trinity (Region 5)			x
Sierra (Region 5)			x
Siskiyou (Region 6)	x		
Six Rivers (Region 5)			x
Stanislaus (Region 5)			x
Tahoe (Region 5)			x
Lake Tahoe Basin (Region 5)			x
Toiyabe (Region 4)	x		
Colorado:			
Non-national forest lands	x		
Arapaho-Roosevelt (Region 2)	x		
Grand Mesa-Uncompahgre-Gunnison (Region 2)	x		

(Continued)

APPENDIX D.- (CONTINUED)

State/Administrative Forest or Non-national forest lands	Old inventory - not updated	Old inventory - updated	New inventory
Colorado (continued):			
Manti-La Sal (Region 4)	x		
Pike and San Isabel (Region 2)	x		
Rio Grande (Region 2)	x		
Routt (Region 2)	x		
San Juan (Region 2)	x		
White River (Region 2)	x		
Connecticut:			
Non-national forest lands		x	
Delaware:			
Non-national forest lands		x	
Florida:			
Non-national forest lands	x		
NFS in Florida (Region 8)	x		
Georgia:			
Non-national forest lands			x
Chattahoochee-Oconee (Reg. 8)			x
Hawaii:			
Non-national forest lands	x		
Idaho:			
Non-national forest lands			x
Bitterroot (Region 1)	x		
Boise (Region 4)	x		
Cache (Region 4)	x		
Caribou (Region 4)	x		
Challis (Region 4)	x		
Clearwater (Region 1)	x		
Coeur D'Alene (Region 1)	x		
Kaniksu (Region 1)	x		
Kootenai (Region 1)	x		
Nez Perce (Region 1)	x		
Payette (Region 4)	x		
Salmon (Region 4)	x		
Sawtooth (Region 4)	x		
St. Joe (Region 1)	x		
Targhee (Region 4)	x		
Wallowa (Region 6)	x		
Illinois:			
Non-national forest lands		x	
Shawnee (Region 9)		x	
Indiana:			
Non-national forest lands		x	
Hoosier (Region 9)		x	
Iowa:			
Non-national forest lands			x

(Continued)

APPENDIX D.- (CONTINUED)

State/Administrative Forest or Non-national forest lands	Old inventory - not updated	Old inventory - updated	New inventory
Kansas:			
Non-national forest lands		x	
Kentucky:			
Non-national forest lands			x
Daniel Boone (Region 8)			x
Jefferson (Region 8)			x
Louisiana:			
Non-national forest lands			x
Kisatchie (Region 8)			x
Maine:			
Non-national forest lands		x	
White Mountain (Region 9)		x	
Maryland:			
Non-national forest lands		x	
Massachusetts:			
Non-national forest lands		x	
Michigan:			
Non-national forest lands		x	
Hiawatha (Region 9)		x	
Huron-Manistee (Region 9)		x	
Ottawa (Region 9)		x	
Minnesota:			
Non-national forest lands			x
Chippewa (Region 9)			x
Superior (Region 9)			x
Mississippi:			
Non-national forest lands			x
NFS in Mississippi (Region 8)			x
Missouri:			
Non-national forest lands			x
Mark Twain (Region 9)			x
Montana:			
Non-national forest lands			x
Beaverhead (Region 1)	x		
Bitterroot (Region 1)	x		
Custer (Region 1)	x		
Deerlodge (Region 1)	x		
Flathead (Region 1)	x		
Gallatin (Region 1)	x		
Helena (Region 1)	x		
Kaniksu (Region 1)	x		
Kootenai (Region 1)	x		
Lewis & Clark (Region 1)	x		
Lolo (Region 1)	x		
Nebraska:			
Non-national forest lands		x	
Nebraska (Region 2)	x		

(Continued)

APPENDIX D.- (CONTINUED)

State/Administrative Forest or Non-national forest lands	Old inventory - not updated	Old inventory - updated	New inventory
Nevada:			
Non-national forest lands	x		
Eldorado (Region 5)			x
Humboldt (Region 4)	x		
Inyo (Region 5)			x
Toiyabe (Region 4)	x		
New Hampshire:			
Non-national forest lands		x	
White Mountain (Region 9)		x	
New Jersey:			
Non-national forest lands		x	
New Mexico:			
Non-national forest lands			x
Apache (Region 3)			x
Carson (Region 3)		x	
Cibola (Region 3)		x	
Coronado (Region 3)		x	
Gila (Region 3)		x	
Lincoln (Region 3)		x	
Santa Fe (Region 3)		x	
New York:			
Non-national forest lands		x	
Finger Lakes (Region 9)		x	
North Carolina:			
Non-national forest lands			x
NFS in North Carolina (Region 8)			x
North Dakota:			
Non-national forest lands		x (Volume)	
Ohio:			
Non-national forest lands			x
Wayne (Region 9)			x
Oklahoma:			
Non-national forest lands		x	
Ouachita (Region 8)		x	
Oregon:			
Non-national forest lands		x (West)	x (East)
Deschutes (Region 6)	x		
Fremont (Region 6)	x		
Klamath (Region 5)			x
Malheur (Region 6)	x		
Mt. Hood (Region 6)	x		
Ochoco (Region 6)	x		
Rogue River (Region 6)	x		
Siskiyou (Region 6)	x		
Siuslaw (Region 6)	x		
Umatilla (Region 6)	x		
Umpqua (Region 6)	x		
Wallowa (Region 6)	x		
Whitman (Region 6)	x		
Willamette (Region 6)	x		
Winema (Region 6)	x		

(Continued)

APPENDIX D.- (CONTINUED)

State/Administrative Forest or Non-national forest lands	Old inventory - not updated	Old inventory - updated	New inventory
Pennsylvania:			
Non-national forest lands			x
Allegheny (Region 9)			x
Rhode Island:			
Non-national forest lands		x	
South Carolina:			
Non-national forest lands	x		x (Hugo)
Francis Marion-Sumter (Region 8)	x		x (Hugo)
South Dakota:			
Non-national forest lands	x		
Black Hills (Region 2)	x		
Custer (Region 1)	x		
Tennessee:			
Non-national forest lands			x
Cherokee (Region 8)			x
Texas:			
Non-national forest lands		x	
NFS in Texas (Region 8)		x	
Utah:			
Non-national forest lands	x		
Ashley (Region 4)	x		
Cache (Region 4)	x		
Caribou (Region 4)	x		
Dixie (Region 4)	x		
Fishlake (Region 4)	x		
Manti-LaSal (Region 4)	x		
Sawtooth (Region 4)	x		
Uinta (Region 4)	x		
Wasatch (Region 4)	x		
Vermont:			
Non-national forest lands		x	
Green Mountain (Region 9)		x	
Virginia:			
Non-national forest lands		x	
George Washington (Region 8)		x	
Jefferson (Region 8)		x	
Washington:			
Non-national forest lands			x
Colville (Region 6)	x		
Gifford Pinchot (Region 6)	x		
Kaniksu (Region 1)	x		
Mt. Baker (Region 6)	x		
Okanogan (Region 6)	x		
Olympic (Region 6)	x		
Snoqualmie (Region 6)	x		
Umatilla (Region 6)	x		
Wenatchee (Region 6)	x		

(Continued)

APPENDIX D.- (CONTINUED)

State/Administrative Forest or Non-national forest lands	Old inventory - not updated	Old inventory - updated	New inventory
West Virginia:			
Non-national forest lands			x
George Washington (Region 8)			x
Jefferson (Region 8)			x
Monongahela (Region 9)			x
Wisconsin:			
Non-national forest lands		x	
Chequamegon (Region 9)		x	
Nicolet (Region 9)		x	
Wyoming:			
Non-national forest lands	x		
Ashley (Region 4)	x		
Bighorn (Region 2)	x		
Black Hills (Region 2)	x		
Bridger-Teton (Region 4)	x		
Caribou (Region 4)	x		
Medicine Bow (Region 2)	x		
Shosone (Region 2)	x		
Targhee (Region 4)	x		
Wasatch (Region 4)	x		

Appendix E.- COMMON AND SCIENTIFIC NAMES OF TREE SPECIES

Common name	Scientific name
Eastern Softwoods:	
True firs	*Abies* Mill.
Balsam fir	*A. balsamea* (L.) Mill.
Fraser fir	*A. fraseri* (Pursh) Poir.
Eastern redcedar	*Juniperus virginiana* L.
Tamarack	*Larix laricina* (Du Roi) K. Koch
Spruce	*Picea* A. Dietr.
Jack pine	*Pinus banksiana* Lamb.
Shortleaf pine	*P. echinata* Mill.
Slash pine	*P. elliottii* Engelm.
Longleaf pine	*P. palustris* Mill.
Red pine	*P. resinosa* Ait.
Eastern white pine	*P. strobus* L.
Loblolly pine	*P. taeda* L.
Baldcypress	*Taxodium* Rich.
Northern white-cedar	*Thuja occidentalis* L.
Eastern hemlock	*Tsuga canadensis* (L.) Carr.
Eastern Hardwoods:	
Maple	Acer L.
Red (soft) maple	*A. rubrum* L.
Sugar (hard) maple	*A. saccharum* Marsh.
Birch	*Betula* L.
Yellow birch	*B. alleghaniensis* Britton
Paper birch	*B. papyrifera* Marsh.
Gray birch	*B. populifolia* Marsh.
Hackberry	*Celtis occidentalis* L.
American beech	*Fagus grandifolia* Ehrh.
Ash	*Fraxinus* L.
Black walnut	*Juglans nigra* L.
Sweetgum	*Liquidambar styraciflua* L.
Yellow-poplar	*Liriodendron tulipifera* L.
Tupelo, gum	*Nyssa* L.
Black tupelo	*N. sylvatica* Marsh. var. *sylvatica*
Sycamore	*Platanus occidentalis* L.
Aspen	*Populus* L.
Balsam poplar	*P. balsamifera* L.
Eastern cottonwood	*P. deltoides* Bartr. ex Marsh.
Black cherry	*Prunus serotina* Ehrh.
Oak	*Quercus* L.
White oak	*Q. alba* L.
Swamp white oak	*Q. bicolor* Willd.
Scarlet oak	*Q. coccinea* Muenchh.
Northern pin oak	*Q. ellipsoidalis* E. J. Hill
Southern red oak	*Q. falcata* Michx.
Cherrybark oak	*Q. falcata* var. *pagodifolia* Ell.
Bear oak	*Q. ilicifolia* Wangenh.
Shingle oak	*Q. imbricaria* Michx.
Overcup oak	*Q. lyrata* Walt.
Bur oak	*Q. macrocarpa* Michx.
Blackjack oak	*Q. marilandica* Muenchh.
Swamp chestnut oak	*Q. michauxii* Nutt.
Chinkapin oak	*Q. muehlenbergii* Engelm.
Water oak	*Q. nigra* L.
Pin oak	*Q. palustris* Muenchh.
Willow oak	*Q. phellos* L.
Chestnut oak	*Q. prinus* L.
Northern red oak	*Q. rubra* L.
Shumard oak	*Q. shumardii* Buckl.
Post oak	*Q. stellata* Wangenh. var. *stellata*
Black oak	*Q. velutina* Lam.
Willow	*Salix* L.
Basswood	*Tilia* L.
Elm	*Ulmus* L.
Western Softwoods:	
True firs	*Abies* Mill.
Pacific silver fir	*A. amabilis* Dougl. ex Forbes
White fir	*A. concolor* (Gord. & Glend.) Lindl. ex Hildebr.
Grand fir	*A. grandis* (Dougl. ex D. Don) Lindl.
Subalpine fir	*A. lasiocarpa* (Hook.) Nutt.
Juniper	*Juniperus* L.
Incense-cedar	*Libocedrus decurrens* Torr.
Engelmann spruce	*Picea engelmannii* Parry ex Engelm.
Blue spruce	*P. pungens* Engelm.
Sitka spruce	*P. sitchensis* (Bong.) Carr.
Lodgepole pine	*Pinus contorta* Dougl. ex Loud.
Pinyon pine	*P. edulis* Engelm.
Apache pine	*P. engelmannii* Carr.
Limber pine	*P. flexilis* James
Jeffrey pine	*P. jeffreyi* Grev. & Balf.
Sugar pine	*P. lambertiana* Dougl.
Chihuahua pine	*P. leiophylla* var. *chihuahuana* (Engelm.) Shaw
Western white pine	*P. monticola* Dougl. ex D. Don
Ponderosa pine	*P. ponderosa* Dougl. ex Laws.
Arizona pine	*P. ponderosa* var. *arizonica* (Engelm.) Shaw
Douglas-fir	*Pseudotsuga menziesii* (Mirb.) Franco
Redwood	*Sequoia sempervirens* (D. Don) Endl.
Western redcedar	*Thuja plicata* Donn ex D. Don
Western hemlock	*Tsuga heterophylla* (Raf.) Sarg.
Mountain hemlock	*T. mertensiana* (Bong.) Carr.
Western Hardwoods:	
Red alder	*Alnus rubra* Bong.
Tanoak	*Lithocarpus densiflorus* (Hook & Arn.) Rehd.
Cottonwood	*Populus* L.
Oak	*Quercus* L.

Source: Little, Elbert L., Jr. 1979. Checklist of United States trees (native and naturalized). Agric. Handb. 541.Washington, DC. U.S. Department of Agriculture, Forest Service. 375 p.

APPENDIX F.- FOREST SERVICE RESEARCH STATIONS WITH RESPONSIBILITIES FOR FOREST INVENTORIES[a]

Address	States of responsibility
Northeastern Forest Experiment Station 5 Radnor Corporate Center 100 Matsonford Road, Suite 200 Radnor, PA 19087-4585	Connecticut, Delaware, Kentucky, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, and West Virginia
North Central Forest Experiment Station 1992 Folwell Avenue St. Paul, MN 55108	Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, and Wisconsin
Southeastern Forest Experiment Station 200 Weaver Blvd. P.O. Box 2860 Asheville, NC 28802	Florida, Georgia, North Carolina, South Carolina, and Virginia
Southern Forest Experiment Station Forestry Sciences Laboratory P.O. Box 906 Starkville, MS 39759	Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, Texas, and Puerto Rico
Pacific Northwest Research Station P.O. Box 3890 Portland, OR 97208	Alaska, California, Hawaii, Oregon, and Washington
Intermountain Forest and Range Experiment Station Federal Building 324 25th Street Ogden, UT 84401	Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming

[a] *For additional information contact the Forest Inventory and Analysis Unit at the Experiment Station.*

APPENDIX G.- ADDRESSES OF NATIONAL FOREST SYSTEM REGIONAL OFFICES IN THE UNITED STATES[a]

Address	Region	Location of National Forests
Forest Service, USDA Northern Region Federal Building P.O. Box 7669 Missoula, MT 59807	Region 1	Montana, northern Idaho, North Dakota, and northwestern South Dakota
Forest Service, USDA Rocky Mountain Region 11177 West 8th Avenue P.O. Box 25127 Lakewood, CO 80225	Region 2	Colorado, Kansas, Nebraska, South Dakota, and eastern Wyoming
Forest Service, USDA Southwestern Region Federal Building 517 Gold Avenue S.W. Albuquerque, NM 87102	Region 3	Arizona and New Mexico
Forest Service, USDA Intermountain Region Federal Building 324 25th Street Ogden, UT 84401	Region 4	Southern Idaho, Nevada, Utah, and western Wyoming
Forest Service, USDA Pacific Southwest Region 630 Sansome Street San Francisco, CA 94111	Region 5	California
Forest Service, USDA Pacific Northwest Region 333 S.W. 1st Avenue P.O. Box 3623 Portland, OR 97208	Region 6	Oregon and Washington
Forest Service, USDA Southern Region 1720 Peachtree Road, N.W. Atlanta, GA 30367	Region 8	Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Tennessee, Texas, Virginia, West Virginia, and Puerto Rico
Forest Service, USDA Eastern Region 310 West Wisconsin Avenue, Room 500 Milwaukee, WI 53203	Region 9	Connecticut, Delaware, Illinois, Indiana, Iowa, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, West Virginia, and Wisconsin
Forest Service, USDA Alaska Region P.O. Box 21628 Juneau, AK 99802-1628	Region 10	Alaska

[a] *For additional information contact the Timber Management Staff at the Regional Office.*

*U.S. GOVERNMENT PRINTING OFFICE: 1994-557-635/80198

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Printed on recycled recyclable paper.

Smith, W. Brad; Faulkner, Joanne L.; Powell, Douglas S.
1994. **Forest Statistics of the United States, 1992 Metric Units**. Gen. Tech. Rep. NC-168. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 147 p.

The 1987 Resources Planning Act (RPA) Assessment forest resources statistics are updated to 1992 was conducted to provide current information on the Nation's forests. Resource tables present estimates of forest area, volume, mortality, growth, removals, and timber products output in various ways, such as by ownership, region, or state. Statistics are provided in a metric format for international use.

KEY WORDS: RPA, assessment, inventory, forest statistics, area, volume, metric, trends.

Our job at the North Central Forest Experiment Station is discovering and creating new knowledge and technology in the field of natural resources and conveying this information to the people who can use it. As a new generation of forests emerges in our region, managers are confronted with two unique challenges: (1) Dealing with the great diversity in composition, quality, and ownership of the forests, and (2) Reconciling the conflicting demands of the people who use them. Helping the forest manager meet these challenges while protecting the environment is what research at North Central is all about.